Backshells

QPL

Backshells

Within Amphenol's wide range of interconnect products is a full range of backshell hardware. Customers can take advantage of Amphenol's global synergy for connectors, backshells and cable harnessing in one place for all their interconnect needs. Plus, coming to Amphenol for a custom design of a backshell means that customers benefit from the vast amount of experience this global company has in designing interconnect solutions.

Amphenol Pcd

Connecting People & Technology

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HOW TO SELECT A BACKSHELL

1. Select the Backshell Type, pg. 6-7 (i.e. Non-Environmental backshell)

2. Select Angle, pg. 8 (i.e. Straight)

3. Select Coupling Style, pg. 8 (i.e. Spin)

In order to complete steps 4-9, you must know the connector specification. For example, we'll use connector D38999/26WB35PN to walk through the remaining steps of selecting a backshell.

4. Select Connector Group Code based on your connector specification, pg. 9-13 (i.e. L)

5. Go to Table of Contents, pg. 4, to find the page numbers your selection resides (i.e. page 56-58)

6. For the material and finish options, review Table-2 on pg. 14 (i.e. Cadmium Olive Drab over Electroless Nickel)
*Recommended to follow the same finish as connector

In order to complete step 7, you must know the actual cable diameter. For example, we'll use the cable diameter of 0.20 inches to walk through the remaining steps of selecting a backshell.

7. Determine the clamp size by using the table on the product page. (i.e. page 56) For this example a 0.20 in cable diameter will be used. (i.e. Clamp size-02)
*Omit if not available in the backshell selected

8. If applicable, determine backshell length using the table on the product page. (i.e. page 56; 2.53 = A)
*Omit if not available in the backshell selected/ Skip for 90° and 45° backshells

9. Build a part number based on the selections you made (i.e. M85049/2111W02A)
*Contact Amphenol Pcd if you can not find your preferences to meet your application, we may be able to support under priority part number

Cross Reference

If you have a Military part number or other manufacturer's part number for which you are looking for an equivalent item, we have provided a cross-reference on our web link: *http://www.backshellworld.com/crossreference.aspx*

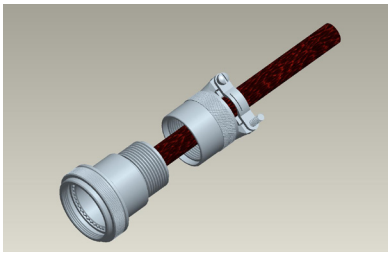
Customize

Backshells for Military & Aerospace applications are governed by SAE, AS85049 standard and Amphenol Backshells are designed to meet the requirement of this standard. Though this standard covers the most popular styles of backshells, many applications call for additional styles and designs. Here is where the capability of Amphenol can support you from the concept to product realization and thereby your unique specification need is satisfied.

Please visit our web link for further help: *http://www.backshellworld.com/customdesign.asp*

BACKSHELL TYPE

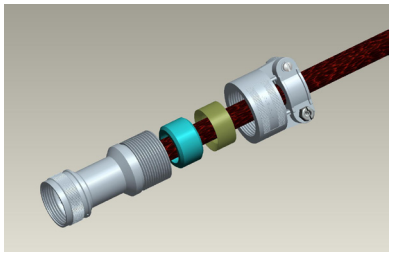
Amphenol Backshells are available in several different types, designed for optimum performance in the application or environment it will be used in. For example, in ground and naval applications, the robustness and environmental sealing may be more important, weight may be the prime consideration for Space and Aerospace applications. The following overview explains the various families of Amphenol Backshells with its applications. Some families of backshells shown here can be used without any additional protection. Some other types of backshells shown are generally used with heat shrink boots or similar protection/strain relief mechanisms depending upon the specific requirements. Also, there are some clamps & nuts for the applications where varying degrees of strain reliefs and cable holding will suffice and weight savings is of higher importance.



Non-Environmental Backshell

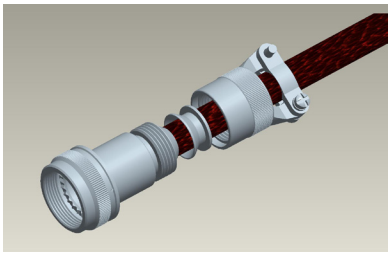
Effective cable holding mechanism with good strain relief when the environmental protection of the cable termination area is not a concern. Amphenol offers cost-effective solutions by eliminating extra sealing parts. Suitable for an inside-the-box/climate controlled room application where heavy cabling should be supported with adequate strain relief.

*Example shown on pg. 5



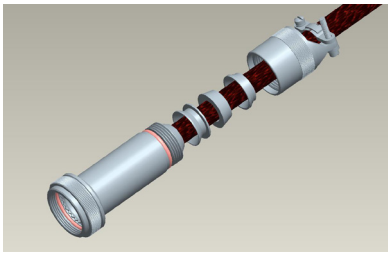
Environmental Backshell

Not only provide the cable support and strain relief, but ensure the cable sealing and environment protection by means of high quality sealing grommet and grommet follower. The strain relief nut is tightened, squeezing the grommet onto the cable jacket during assembly. Provides 6 feet water sealing protection when used with perfectly jacketed cable, and suitable for harsh environment applications.



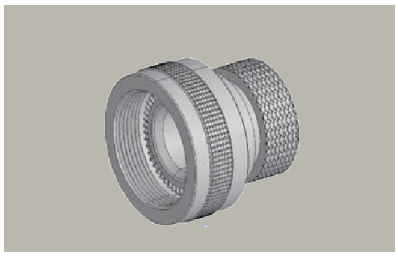
Non-Environmental EMI/RFI Backshell

Offering 360-degree electromagnetic and radio frequency noise isolation shielding in addition to standard features available with the Non-Environmental type. Available in straight, 90 degree and 45 degree varieties. Accommodates both individual and overall shielding.



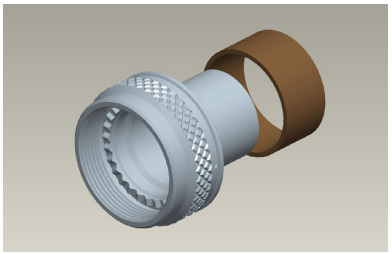
Environmental EMI/RFI Backshell

Ideal choice for heavy duty cabling solutions in harsh environments where electromagnet and radio frequency noises are to be isolated. Accommodates both individual and overall shielding.



Shrink Boot Adapter

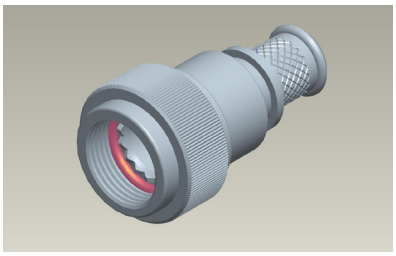
A good solution when the unshielded cables are terminated with heat shrink boots. It has a groove where the boot lip can be held which provides good grip apart from sufficient space inside for the cable looping. Using the heat shrink boot is one way of providing environmental protection and strain relief to cable termination. Using a suitable adapter is essential to ensure the repair ability.



Crimp Ring Adapter

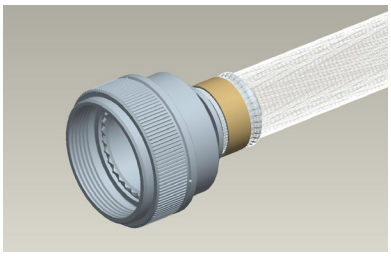
Many cable terminations where heat shrink boots are used; will require provision for terminating the screens, too. It is achieved in this type of backshell through a ring, which can be crimped to the backshell body holding the screens in between.

BACKSHELL TYPE



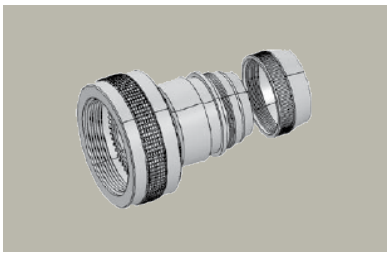
Band Lock Adapter

A high quality band will do the job with this backshell. Tempered bands are tightened over the shields, which are pulled over the banding area using a special assembly tool. Suitable over cover by heat shrink boot or some other method as chosen by the designer could be used. Both crimp ring and banded terminations give a low DC resistance.



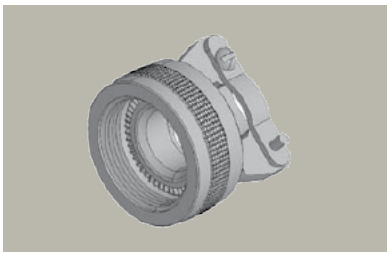
Pre-Shield Adapter

This adapter comes with a pre-cut braid that is fitted to the adapter for easy assembly. The braid overlaps with the cable braid. Effective shielding takes place due to the 360° contact of the braid. Designed to accept heat shrink boot. Ease of assembly saves time for cable termination.



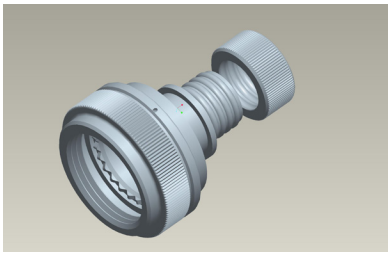
SQ Adapter

The SQ adapter is a cost-effective way to terminate the braid to the adapter. The braid is pulled over the conical shape to the rear end of the adapter and then tied. The end nut is tightened to ensure adequate grip for the shielding. A heat shrink boot can be used with this adapter as well.



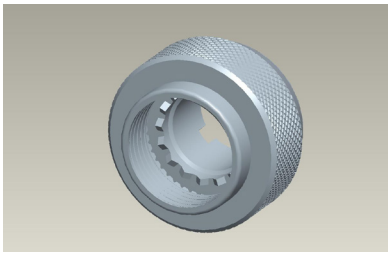
Strain Relief Clamps

If environmental protection is not a concern and weight savings is a major consideration this strain relief clamp is what you need. It secures and “tidys-up” the light/medium cable and also provides good strain relief at the termination area.



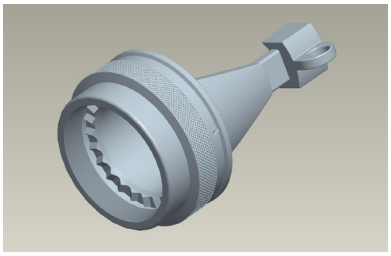
Lamp Thread Adapter

An adapter with threads similar to that in the lamp base for shield termination. An effective, easy and quick method of shield termination and field maintenance. Termination area can accept a nut as well as a clamp. The nut option enables the use of heat shrink boot and the clamp option will facilitate the strain relief clamping without heat shrink boot after the shield/cable termination.



Grommet Nut

Provides a good grommet-holding force for the crimp connectors when expensive and heavy backshells are not used. Such holding force is essential to hold the contacts and grommet in place when terminated with wire bundles.



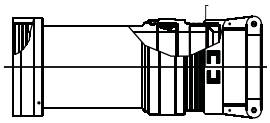
Quick Clamp

A light weight clamp used for securing and “tidying up” cable into a desired direction. Used in interior wiring of aircraft.

ANGLES/PROFILES & COUPLING STYLES

Angles/Profiles

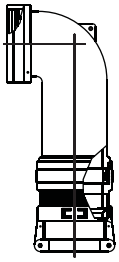
Amphenol Backshells are available in three different angular profiles: straight, 90 degree and 45 degree. These profiles will meet most of the cable routing required in the interconnect market. We can also make additional profiles if required. Please go to the web link http://www.backshellworld.com/customdesign.asp to contact Amphenol about your specific backshell needs.



Straight Backshells

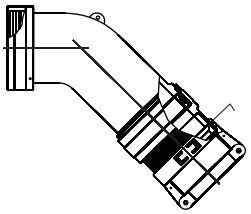
Available in different lengths and cable entry diameters for most applications. Different cable and braid terminating systems are also available as shown in the respective product sections.

*Example shown on pg. 5



90° Angled Backshells

Many applications require the cable to be bent and routed rather than straight routed. Amphenol offers a 90° angled style in all the backshell families for space saving and convenience.



45° Angled Backshells

Amphenol offers further design flexibility with a backshell that allows the cable to be routed 45° to the axis of the assembly.

Coupling Styles

Various coupling styles are available for the coupling between the backshell and the connector. Popular styles are shown in the respective backshell sections, and custom profiles can be designed. Please go to the web link http://www.backshellworld.com/customdesign.asp to contact Amphenol about your specific backshell needs.



Spin Coupling

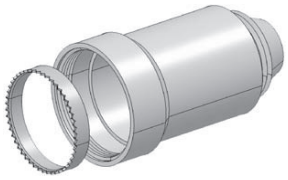
A captivated coupling nut within the backshell which provides the following advantages: Free rotation of the coupling nut making the assembly of the backshell to the connector easy without turning the entire backshell body. Lock wire holes are provided on the coupling nut to prevent accidental decoupling.

*Example shown on pg. 5



Self-Lock Coupling

Same as the Spin Coupling style with the additional feature of “self-locking.” Internally locks the movement of the coupling nut so that accidental decoupling is prevented. Used in higher vibration conditions.



Direct Coupling

The coupling nut is eliminated in this design, and the backshell directly threads to the connector. For applications where simple direct connectivity is sufficient.

CONNECTOR GROUP CODE

Military Connector Specification	Series/ Class	Connector Group Code
40M38277		K
40M39569		J
BS9520	G0001	K
BS9520	G0002	K
BS9520	G0003	L
BS9522 F0001	Patt 602	J
BS9522 F0012	Patt 615	M
BS9522 F0017	Patt 105	N
BS9522 F0020	Patt 608	N
BS9522 F0029	Patt 616	K
BS9522 F0042		J
BS9522 N0001	Patt 603	N
BS9522 N0003	Patt 614	K
CECC 75201.001		J
CECC 75201.002		L
DEF 5326-3		J
EN 2997		J
EN 3645		L
EN 3646		J
EN 3372		M
ESC 10		J
ESC 11		J
JN1003		M
LN29504		J
LN29728		J
LN29729		M
MIL-C-81703	3	J
MIL-DTL-26482	2	J
MIL-DTL-38999	I	K
MIL-DTL-38999	II	K
MIL-DTL-38999	III	L
MIL-DTL-38999	IV	L
MIL-DTL-5015	MS340	J
MIL-DTL-5015	MS345	J
MIL-DTL-83723	I	J
MIL-DTL-83723	III	J
NAS 1599		J
NFC93422	HE302	J
NFC93422	HE306	M
NFC93422	HE308	K
NFC93422	HE309	K
NFL 54140		J
PAN 6432-1		J
PAN 6432-2		J
PAN 6433-1		K
PAN 6433-2		M
VG 96912	2	K
VG 96912	1	M

Military Connector Part Number	Specifications	Series/ Class	Connector Group Code
D38999/20	MIL-DTL-38999	III	L
D38999/24	MIL-DTL-38999	III	L
D38999/26	MIL-DTL-38999	III	L
D38999/40	MIL-DTL-38999	IV	L
D38999/42	MIL-DTL-38999	IV	L
D38999/46	MIL-DTL-38999	IV	L
D38999/47	MIL-DTL-38999	IV	L
M83723/01	MIL-DTL-83723	I	J
M83723/02	MIL-DTL-83723	I	J
M83723/03	MIL-DTL-83723	I	J
M83723/04	MIL-DTL-83723	I	J
M83723/05	MIL-DTL-83723	I	J
M83723/06	MIL-DTL-83723	I	J
M83723/07	MIL-DTL-83723	I	J
M83723/08	MIL-DTL-83723	I	J
M83723/13	MIL-DTL-83723	I	J
M83723/14	MIL-DTL-83723	I	J
M83723/36	MIL-DTL-83723	I	J
M83723/37	MIL-DTL-83723	I	J
M83723/38	MIL-DTL-83723	I	J
M83723/39	MIL-DTL-83723	I	J
M83723/40	MIL-DTL-83723	I	J
M83723/41	MIL-DTL-83723	I	J
M83723/42	MIL-DTL-83723	I	J
M83723/43	MIL-DTL-83723	I	J
M83723/48	MIL-DTL-83723	I	J
M83723/49	MIL-DTL-83723	I	J
M83723/65	MIL-DTL-83723	III	J
M83723/66	MIL-DTL-83723	III	J
M83723/67	MIL-DTL-83723	III	J
M83723/68	MIL-DTL-83723	III	J
M83723/69	MIL-DTL-83723	III	J
M83723/71	MIL-DTL-83723	III	J
M83723/72	MIL-DTL-83723	III	J
M83723/73	MIL-DTL-83723	III	J
M83723/74	MIL-DTL-83723	III	J
M83723/75	MIL-DTL-83723	III	J
M83723/76	MIL-DTL-83723	III	J
M83723/77	MIL-DTL-83723	III	J
M83723/78	MIL-DTL-83723	III	J
M83723/82	MIL-DTL-83723	III	J
M83723/83	MIL-DTL-83723	III	J
M83723/84	MIL-DTL-83723	III	J
M83723/85	MIL-DTL-83723	III	J
M83723/86	MIL-DTL-83723	III	J
M83723/87	MIL-DTL-83723	III	J
M83723/91	MIL-DTL-83723	III	J
M83723/92	MIL-DTL-83723	III	J
M83723/95	MIL-DTL-83723	III	J
M83723/96	MIL-DTL-83723	III	J

CONNECTOR GROUP CODE

Military Connector Part Number	Specifications	Series/Class	Connector Group Code
M83723/97	MIL-DTL-83723	III	J
M83723/98	MIL-DTL-83723	III	J
MS27466	MIL-DTL-38999	I	K
MS27467	MIL-DTL-38999	I	K
MS27468	MIL-DTL-38999	I	K
MS27472	MIL-DTL-38999	II	K
MS27474	MIL-DTL-38999	II	K
MS27475	MIL-DTL-38999	II	K
MS27479	MIL-DTL-38999	II	K
MS27480	MIL-DTL-38999	II	K
MS27481	MIL-DTL-38999	II	K
MS27482	MIL-DTL-38999	II	K
MS27484	MIL-DTL-38999	II	K
MS27497	MIL-DTL-38999	II	K
MS27498	MIL-DTL-38999	I	K
MS27500	MIL-DTL-38999	II	K
MS27652	MIL-DTL-38999	I	K
MS27653	MIL-DTL-38999	I	K
MS27654	MIL-DTL-38999	I	K
MS27656	MIL-DTL-38999	I	K
MS27665	MIL-DTL-38999	I	K
MS3400	MIL-DTL-5015	MS340/MS245	J
MS3401	MIL-DTL-5015	MS340/MS245	J
MS3404	MIL-DTL-5015	MS340/MS245	J
MS3406	MIL-DTL-5015	MS340/MS245	J
MS3408	MIL-DTL-5015	MS340/MS245	J
MS3409	MIL-DTL-5015	MS340/MS245	J
MS3412	MIL-DTL-5015	MS340/MS245	J
MS3424	MIL-C-81703	3	J
MS3446	MIL-C-81703	3	J
MS3450	MIL-DTL-5015	MS340/MS345	J
MS3451	MIL-DTL-5015	MS340/MS345	J
MS3454	MIL-DTL-5015	MS340/MS345	J
MS3456	MIL-DTL-5015	MS340/MS345	J
MS3459	MIL-DTL-5015	MS340/MS345	J
MS3464	MIL-C-81703	3	J
MS3467	MIL-C-81703	3	J
MS3468	MIL-C-81703	3	J
MS3470	MIL-DTL-26482	2	J
MS3471	MIL-DTL-26482	2	J
MS3472	MIL-DTL-26482	2	J
MS3474	MIL-DTL-26482	2	J
MS3475	MIL-DTL-26482	2	J
MS3476	MIL-DTL-26482	2	J
NAS1599	MIL-C-81703	3	J

Military Connector Part Number	Specifications	Series/Class	Connector Group Code
NAS1641	MIL-C-81703	3	J
NAS1642	MIL-C-81703	3	J
NAS1643	MIL-C-81703	3	J
NAS1650	MIL-C-81703	3	J
NAS1651	MIL-C-81703	3	J
NAS1652	MIL-C-81703	3	J
NAS1653	MIL-C-81703	3	J
NAS1692	MIL-C-81703	3	J
NAS1693	MIL-C-81703	3	J
NAS1694	MIL-C-81703	3	J
NAS1699	MIL-C-81703	3	J
NAS1700	MIL-C-81703	3	J
NAS1701	MIL-C-81703	3	J
NAS1702	MIL-C-81703	3	J
NATC00	SSQ21635		L
NATC06	SSQ21635		L
NATC07	SSQ21635		L
NB4	40M39569		J
NB6	40M39569		J
NB6G	40M39569		J
NB7	40M39569		J
NBO	40M39569		J
NLS6	40M39569		K
NLS6G	40M39569		K
NLS7	40M39569		K
NLSO	40M39569		K

Manufacturer Part Number	Manufacturer	Connector Group Code
10-475	Amphenol/ Bendix/ Socapex/ Pyle	K
118	Amphenol/ Bendix/ Socapex/ Pyle	J
162GB	Amphenol/ Bendix/ Socapex/ Pyle	N
2PSN	Plessy Connector	N
381	Deutsch	J
418-1	Amphenol/ Bendix/ Socapex/ Pyle	K
418-2	Amphenol/ Bendix/ Socapex/ Pyle	K
418-5	Amphenol/ Bendix/ Socapex/ Pyle	M
486	Amphenol/ Bendix/ Socapex/ Pyle	J
518	Amphenol/ Bendix/ Socapex/ Pyle	J
602GB	Amphenol/ Bendix/ Socapex/ Pyle	J
62GB	Amphenol/ Bendix/ Socapex/ Pyle	N
65	Glenair	L
652	Amphenol/ Bendix/ Socapex/ Pyle	J
66	Glenair	L
711	Amphenol/ Bendix/ Socapex/ Pyle	J
801	Amphenol/ Bendix/ Socapex/ Pyle	J
837	Deutsch	J
83723	Souriau	J
83730	Deutsch	J
851	Souriau	N
8520	Souriau	J
8525	Souriau	J
8526	Souriau	J
853	Souriau	J
8533	Souriau	J
8534	Souriau	J
857	Souriau	J
89	Souriau	J
8D	Souriau	L
8LT	Souriau	K
8T	Souriau	M
91-483	Amphenol/ Bendix/ Socapex/ Pyle	K
944	Matrix	J
951	Deutsch	J
951-50	Deutsch	J
981	Matrix	J
983	Deutsch	J
991	Deutsch	J
999.1	Deutsch	J
ABJ	AB Electronics	K
AE22	Aero-Electric	L
AE46	Aero-Electric	K
AE47	Aero-Electric	K
AE48	Aero-Electric	K
AE49	Aero-Electric	K
AE55	Aero-Electric	J
AE77	Aero-Electric	J

Manufacturer Part Number	Manufacturer	Connector Group Code
AE83	Aero-Electric	J
AFD	Deutsch	J
AFD5	Deutsch	J
AFE	Deutsch	J
B	Amphenol/ Bendix/ Socapex/ Pyle	J
BE	Amphenol/ Bendix/ Socapex/ Pyle	J
BL	Flight Connector	L
BT	Amphenol/ Bendix/ Socapex/ Pyle	J
BY1	Amphenol/ Bendix/ Socapex/ Pyle	J
CGK	ITT Cannon	M
CN0930	TRW	J
CNO	G & H Technology	L
CNO930	Labinal/ Cinch	J
CT	Burndy	K
CT	Plessey Connector	K
CT-R	AB Electronics	K
CT-R	Plessey Connector	K
CV340	ITT Cannon	J
CV345	ITT Cannon	J
D817	Deutsch	J
DBA	Deutsch	J
DBA7	Deutsch	J
DBAS	Deutsch	J
DFE	Deutsch	J
DIV4	Deutsch	L
DL	Deutsch	J
DL6	Deutsch	J
DTS	Deutsch	L
DVG	Deutsch	J
EA	Amphenol/ Bendix/ Socapex/ Pyle	J
EB	Amphenol/ Bendix/ Socapex/ Pyle	J
EEG	Amphenol/ Bendix/ Socapex/ Pyle	J
ES	Amphenol/ Bendix/ Socapex/ Pyle	J
ET	Amphenol/ Bendix/ Socapex/ Pyle	J
FDBA	Deutsch	J
FF	Deutsch	J
FF	Flight Connector	J
FH	Flight Connector	J
HDJ	Deutsch	M
HTMF	ITT Cannon	J
JT	Amphenol/ Bendix/ Socapex/ Pyle	K
JT 3400	J-Tech	J
JT 3450	J-Tech	J
JT-R	FKI	K
JT-R	Teldix	K
JTVG 95234	J-Tech	J
JVS	Souriau	L
KJ	ITT Cannon	K
KJA	ITT Cannon	L

CONNECTOR GROUP CODE

Manufacturer Part Number	Manufacturer	Connector Group Code
KJAD/V4	ITT Cannon	L
KJL	ITT Cannon	K
KV-R	ITT Cannon	J
LJT	Amphenol/ Bendix/ Socapex/ Pyle	K
LS	Amphenol/ Bendix/ Socapex/ Pyle	J
LTT	FKI	K
MB1	Matrix	J
MB3	Matrix	J
MB9	Matrix	K
MD	Matrix	J
MF	ITT Cannon	J
MFG	ITT Cannon	J
MK 12	AB Electronics	N
MK 18	AB Electronics	N
MK 8	AB Electronics	N
MK12	Plessey Connector	N
MK25	Plessey Connector	K
MK38	Plessey Connector	K
MK8	Plessy Connector	N
ML94	Matrix	L
MQ3	Matrix	J
MT3	Matrix	J
MT93	Matrix	L
P5	Plessy Connector	N
PL	Deutsch	L
PT	ITT Cannon	N
PT33	FKI	N
PT33SE	FKI	N
PT44	FKI	N
PT44SE	FKI	N
PT55	FKI	N
PT55SE	FKI	N
PT77	FKI	N
PT77SE	FKI	N
PTG55	FKI	N
PTG55SE	FKI	N
PTS-DR	Amphenol/ Bendix/ Socapex/ Pyle	J
PT-SE	ITT Cannon	N
PV7	ITT Cannon	J
PVA	ITT Cannon	J
PV-G	ITT Cannon	J
PVJ	ITT Cannon	J
PV-S	ITT Cannon	J
PVW	ITT Cannon	J
PVX	ITT Cannon	J
RD1	Raychem	J
RR	Deutsch	J
RR20	Deutsch	J

Manufacturer Part Number	Manufacturer	Connector Group Code
RR50	Deutsch	J
RR70	Deutsch	J
RR70	Deutsch	J
SA	SAE	J
SJT	Amphenol/ Bendix/ Socapex/ Pyle	M
STT	FKI	M
STT	ITT Cannon	M
T3	Amphenol/ Bendix/ Socapex/ Pyle	L
TT	FKI	K
TT/TTPQ	ITT Cannon	K
TT/TTPQ	ITT Cannon	K
TV	Amphenol/ Bendix/ Socapex/ Pyle	L
TVP	FKI/ Bendix	L
TVRB	Amphenol/ Bendix/ Socapex/ Pyle	L
TVS	Amphenol/ Bendix/ Socapex/ Pyle	L
VTT	FKI	L

Manufacturer's Part Number Prefix	Connector Group Code
AB Electronics	
ABJ	K
CT-R	K
MK 12	N
MK 18	N
MK 8	N
Aero-Electric	
AE22	L
AE46	K
AE47	K
AE48	K
AE49	K
AE55	J
AE77	J
AE83	J
Amphenol/ Bendix/ Socapex/ Pyle	
10-475	K
118	J
162GB	N
418-1	K
418-2	K
418-5	M
486	J
518	J
602GB	J
62GB	N
652	J
711	J
801	J
91-483	J
B	J
BE	J
BT	J
BY1	J
EA	J
EB	J
EEG	J
ES	J
ET	J
JT	K
LJT	K
LS	J
PTS-DR	J
SJT	M
T3	L
TV	L
TVRB	L
TVS	L

Burndy	
CT	K
Deutsch	
381	J
837	J
83730	J
RR70	J
RR70	J
FKI	
JT-R	K
LTT	K
PT33	N
PT33SE	N
PT44	N
PT44SE	N
PT55	N
PT55SE	N
PT77	N
PT77SE	N
PTG55	N
PTG55SE	N
STT	M
TT	K
VTT	L
TVP	L
Flight Connector	
BL	L
FF	J
FH	J
G & H Technology	
CNO	L
Glenair	
65	L
66	L
ITT Cannon	
CGK	M
CV340	J
CV345	J
HTMF	J
KJ	K
KJA	L
KJAD/V4	L
KJL	K
MB3	J
MB9	K
MD	J
ML94	L
MQ3	J
MT3	J
MT93	L

Plessy Connector	
2PSN	N
CT	K
CT-R	K
MK12	N
MK25	K
MK38	K
MK8	N
P5	N
Raychem	
RDI	J
Souriau	
83723	J
851	N
8520	J
8525	J
8526	J
853	J
8533	J
8534	J
857	J
89	J
8D	L
8LT	K
8ST	M
8T	K
JVS	L
Teldix	
JT-R	K
TRW/Cinch	
CN0930	J

Amphenol offers adapters in the following standard finishes. The base material is aluminum alloy.

- Aluminum parts: As per ASTM B 211, 221, 209, 85, 26
- Steel parts: 300 series, as per AMS-QQ-S-763/ASTM A 582
- Elastomers: fluorosilicone, silicone
- Other parts: Suitable corrosion resistant material
- Nickel Aluminum (NiAl)-Bronze AMS-QQ-C-465

Backshell Plating Finishes (Table 2)

Amphenol Designation	MIL Designation	Finish	Guiding Specifications/Requirements	RoHS
A	A	Anodized, Black*	To meet AS85049 Requirements	Yes
B		Anodized, Hard*	AMS-A-8625, Type-III, Class-1	Yes
L		Nickel, Bright	AMS-QQ-290, Class-1, Grade-F	Yes
M		Electroless Nickel	AMS-C-26074, Class-4, Grade-B	Yes
N	N	Electroless Nickel	To meet AS85049 Requirements	Yes
C		Cadmium, Bright	AMS-QQ-P-416, Type-I, Class-2	No
T		Cadmium, Bright	AMS-QQ-P-416, Type-1, Class 3	No
U		Cadmium Olive Drab	AMS-QQ-P-416, Type-II, Class-3	No
V		Cadmium Olive Drab over Electroless Nickel	AMS-QQ-P-416, Type-II, Class-3 (Cadmium); AMS-C-26074, Class-4, Grade-B (Nickel)	No
W	W	Cadmium Olive Drab over Electroless Nickel	To meet AS85049 Requirements	No
Y		Zinc-Cobalt, Dark Olive Drab	ASTM-B840	Yes
Z		Zinc-Cobalt, Black	ASTM-B840	Yes
ZN		Zinc Nickel (500 Hrs. Salt Spray)	ASTM-B841	Yes
TN		Nickel Fluorocarbon (500 Hrs. Salt Spray)		Yes
S		Passivate- Stainless Steel	AMS-QQ-P-35 or ASTM A 967	Yes
D		Nickel-Stainless Steel	AMS-QQ-290, Class-1, Grade-F	Yes
ST		Tin Plate-Stainless Steel	ASTM B 545 Type-1	Not Tested
E		Cadmium Olive Drab-Stainless Steel	AMS-QQ-P-416	No
F		Cadmium, Black- Stainless Steel	AMS-QQ-P-416	No
K		Unplated-Nickel Aluminum-Bronze		Yes

*Non Conductive coatings, not suitable for EMI applications.

Dust Cap Finishes (Pgs.22-29)

Amphenol Designation	Finish	Guiding Specifications/Requirements	RoHS
A	Hard Anodic Black*	AMS-A-8625 TYPE III ASTM B117	Yes
SD	Zinc Nickel Black	ASTM B 841, Type D	Yes
F	Electroless Nickel	AMS-C-26074 Class 4, Grade B, ASTM-B-733, SC 2, Type II	Yes
W	Cadmium Olive drab Green	SAE-AMS-QQ-P-416	No
T	PTFE Nickel Plating	GMF-002, Type II, Class 1	Yes
EB	Cadmium Free Zn Co Green	ASTM B 840, Grade 6, Type D	Yes
FB	Cadmium Free Zn Co Black	ASTM B 840, Grade 6, Type D	Yes
CD	Passivation over stainless steel	SAE-AMS-QQ-P-35, Type VI	Yes
NB	Un-plated Marine Bronze		Yes

*Non Conductive coatings, not suitable for EMI applications.

ASSEMBLY TORQUE VALUE & STYLE 2 CONFIGURATION

Amphenol recommends the following torque values for its adapters while assembling them to the connectors. These values are based on the coupling thread strength specified in SAE-AS85049 standard.

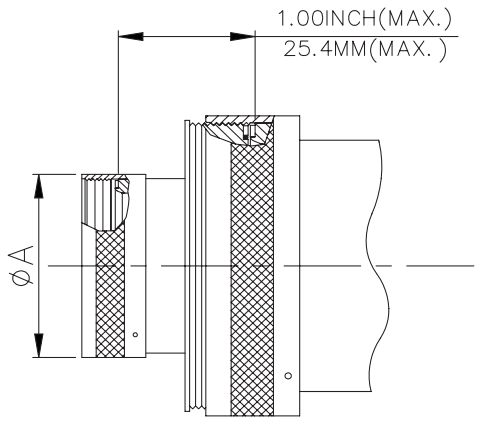
Assembly Torque Value	
Connector Shell Size	Torque (Inch-Pounds)
8,9	40
3, 10, 10SL, 11	40
7, 12, 12S, 13	40
14, 14S, 15	40
16, 16S, 17	40
18, 19, 27	40
20, 21, 37	80
22, 23	80
24, 25, 61	80
28	100
32	100
36	100
40	120
44	120
48	120

Torque Values for Cable Clamp Screw	
Screw Size	Torque (Inch-Pounds)
2-56	2 ± .5
4-40	4 ± .5
6-32	6 ± 1.0
8-32	8 ± 1.0
10-32	10 ± 1.0
.250-20	12 ± 1.0

*Recommended 75-80% of Values shown for installation

Style 2 Configuration

Some design consideration will require bigger diameter cable to be terminated in the smaller shell size connectors. Cable with heavy/thicker shielding, many wires for different branches/routing are some of the examples. Such cable termination will require a bigger adapter body with cable entry dimensions more than the connector rear side dimensions. Amphenol support this kind of applications too. The coupling end of the adapter will be modified to Style-2 design as shown in the figure in such cases. The overall length of the style-2 design adapters would be increased by approximately 1inch (25.4mm) as shown. This alternate design is applicable for all the 'Backshell Families' listed in this catalogue.



BAND LOCK ADAPTER

STRAIGHT; 90° & 45°; SELF-LOCK

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/82	10	W	02
Series	Slash Sheet 82: Straight 83: 45° 84: 90°	Shell Size (Table A)	Finish (Table 2, pg. 14)	Entry Size (Table A)

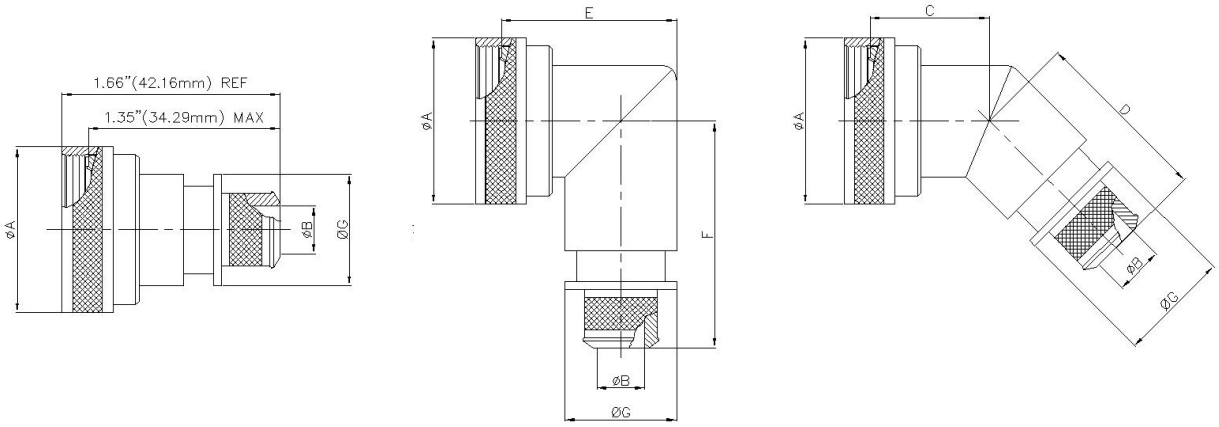


TABLE-A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B DIA. (MAX) +0.00 -0.02		B DIA. (MAX) +0.00 -0.50		C (MAX)		D (MAX)		E (MAX)		F (MAX.)		G MAX	
ACCESSORY SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	02	8	0.89	22.48	N/A	N/A	0.87	22.10	1.16	29.46	1.19	30.18	1.42	35.99	N/A	N/A		
	03				0.26	6.60									0.56	14.22		
10	02	10	1.01	25.65	N/A	N/A	0.89	22.61	1.18	29.97	1.28	32.54	1.48	37.59	N/A	N/A		
	03				0.32	8.13									0.63	16.00		
12	02	7 / 12	1.14	28.83	0.32	8.13	0.92	23.37	1.20	30.48	1.41	35.71	1.54	39.17	0.63	16.00		
	03				0.45	11.43									0.75	19.05		
14	02	12 / 14	1.26	32.00	0.45	11.43	0.94	23.88	1.22	30.99	1.53	38.89	1.61	40.77	0.75	19.05		
	03				0.57	14.48									0.89	22.61		
16	02	19 / 16	1.39	35.18	0.51	12.95	0.96	24.38	1.25	31.75	1.66	42.06	1.67	42.34	0.82	20.83		
	03				0.64	16.26									0.95	24.13		
18	02	27 / 18	1.51	38.35	0.64	16.26	0.98	24.89	1.26	32.00	1.72	43.64	1.73	43.94	0.95	24.13		
	03				0.76	19.30									1.07	27.18		
20	02	37 / 20	1.64	41.53	0.64	16.26	1.00	25.40	1.29	32.77	1.84	46.84	1.79	45.52	0.95	24.13		
	03				0.82	20.83									1.13	28.07		
22	02	22	1.76	44.70	0.70	17.78	1.03	26.16	1.31	33.27	1.94	49.23	1.85	46.99	1.02	25.99		
	03				0.95	24.13									1.26	32.00		
24	02	24	1.89	47.88	0.76	19.30	1.05	26.67	1.34	34.04	2.09	53.16	1.92	48.69	1.07	27.18		
	03				1.01	25.65									1.32	33.53		
28	02	28	2.14	54.23	0.89	22.61	1.10	27.94	1.38	35.05	2.53	64.29	2.04	51.87	1.19	30.23		
	03				1.14	28.96									1.47	37.34		

BAND LOCK ADAPTER

STRAIGHT; 90° & 45°; SELF-LOCK

38999 Series I & Series II

MIL Part Number

M85049	/85	-10	W	02
Series	Slash Sheet 85: Straight 86: 45° 87: 90°	Shell Size (Table A)	Finish (Table 2, pg. 14)	Entry Size (Table A)

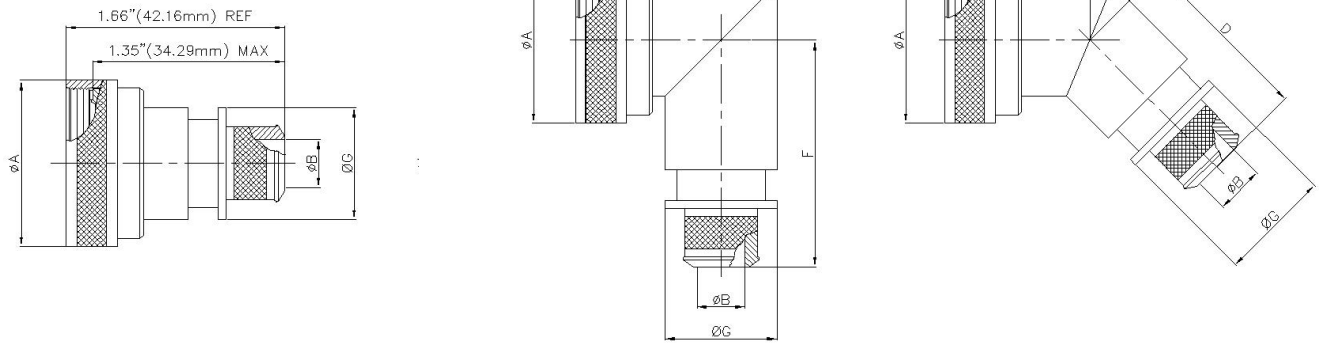


TABLE - A

ACCESSORY SHELLSIZE	M85049/85 ENTRY SIZE	M85049/86 M85049/87 ENTRY SIZE	CONNECTOR SHELL SIZE SE - II/I	ØA(MAX)		ØB +0.00 −0.02		ØB +0.00 −0.50		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)	
				INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	02	8/9	0.86	21.82	N/A	N/A			0.87	22.10	1.16	29.46	1.38	34.93	1.42	35.99	N/A	N/A
	02	03				0.26	6.60											0.56	14.22
10	01	02	10/11	0.99	25.04	N/A	N/A			0.90	22.86	1.19	30.23	1.44	36.50	1.48	37.59	N/A	N/A
	02	03				0.32	8.13											0.63	16.00
12	01	02	12/13	1.16	29.36	0.32	8.13			0.92	23.37	1.21	30.73	1.56	39.67	1.55	39.45	0.63	16.00
	02	03				0.45	11.43											0.75	19.05
14	01	02	14/15	1.28	32.54	0.45	11.43			0.95	24.13	1.24	31.50	1.69	42.85	1.61	41.00	0.75	19.05
	02	03				0.57	14.48											0.89	22.61
16	01	02	16/17	1.41	35.71	0.51	12.95			0.98	24.89	1.26	32.00	1.75	44.45	1.68	42.62	0.82	20.83
	02	03				0.64	16.26											0.95	24.13
18	01	02	18/19	1.52	38.51	0.64	16.26			0.98	24.89	1.27	32.26	1.88	47.63	1.73	44.02	0.95	24.13
	02	03				0.76	19.30											1.07	27.18
20	01	02	20/21	1.64	41.68	0.64	16.26			1.01	25.65	1.30	33.02	1.94	49.23	1.80	45.62	0.95	24.13
	02	03				0.82	20.83											1.13	28.07
22	01	02	22/23	1.77	44.86	0.70	17.78			1.04	26.42	1.33	33.78	2.06	52.37	1.86	47.22	1.02	25.99
	02	03				0.95	24.13											1.26	32.00
24	01	02	24/25	1.89	48.03	0.76	19.30			1.07	27.18	1.35	34.29	2.13	53.98	1.92	48.74	1.07	27.18
	02	03				1.01	25.65											1.32	33.53

BAND LOCK ADAPTER

STRAIGHT; 90° & 45°; SELF-LOCK

38999 Series III & Series IV

MIL Part Number

M85049	/88	10	W	02
Series	Slash Sheet 88: Straight 89: 45° 90: 90°	Shell Size (Table A)	Finish (Table 2, pg. 14)	Entry Size (Table A)

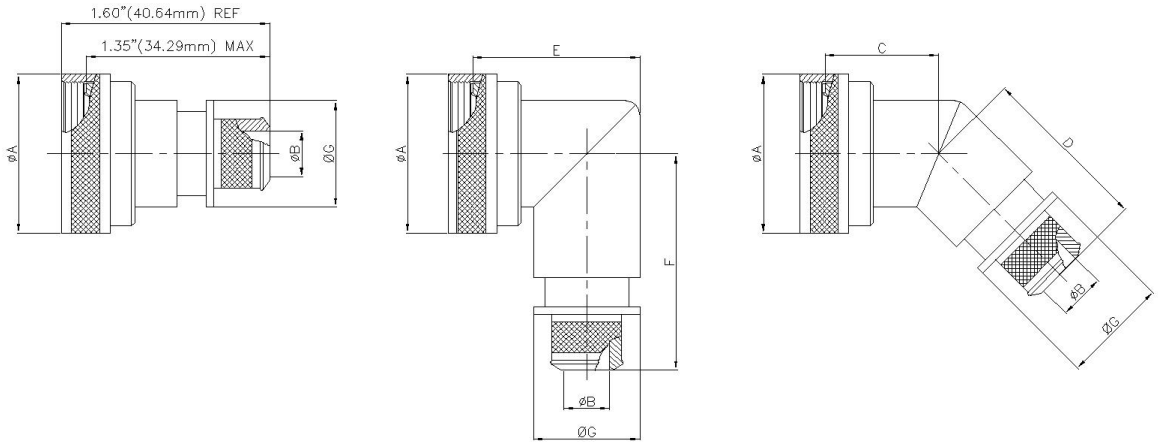


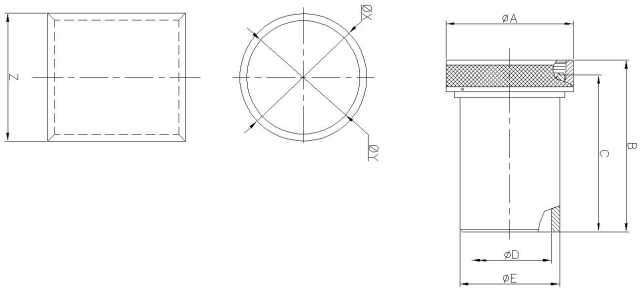
TABLE-A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA. (MAX)		B DIA. (MAX) +0.00 -0.02		B DIA. (MAX) +0.00 -0.50		C (MAX)		D (MAX)		E (MAX)		F (MAX.)		G MAX	
CONNECTOR SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
9	02	09 / A	0.86	21.82	N/A	N/A	1.01	25.65	1.16	29.46	1.38	34.93	1.42	35.99	N/A	N/A		
	03				0.26	6.60									0.56	14.22		
11	02	11 / B	0.99	25.04	N/A	N/A	1.03	26.16	1.19	30.23	1.44	36.50	1.48	37.59	N/A	N/A		
	03				0.32	8.13									0.63	16.00		
13	02	13 / C	1.16	29.36	0.32	8.13	1.06	26.92	1.21	30.73	1.56	39.67	1.55	39.45	0.63	16.00		
	03				0.45	11.43									0.75	19.05		
15	02	15 / D	1.28	32.54	0.45	11.43	1.08	27.43	1.24	31.50	1.69	42.85	1.61	41.00	0.75	19.05		
	03				0.57	14.48									0.89	22.61		
17	02	17 / E	1.41	35.71	0.51	12.95	1.11	28.19	1.26	32.00	1.75	44.45	1.68	42.62	0.82	20.83		
	03				0.64	16.26									0.95	24.13		
19	02	19 / F	1.52	38.51	0.64	16.26	1.12	28.45	1.27	32.26	1.88	47.63	1.77	45.03	0.95	24.13		
	03				0.76	19.30									1.07	27.18		
21	02	21 / G	1.64	41.68	0.64	16.26	1.15	29.21	1.30	33.02	1.94	49.23	1.80	45.62	0.95	24.13		
	03				0.82	20.83									1.13	28.07		
23	02	23 / H	1.77	44.86	0.70	17.78	1.17	29.72	1.33	33.78	2.06	52.37	1.86	47.22	1.02	25.99		
	03				0.95	24.13									1.26	32.00		
25	02	25 / J	1.89	48.03	0.76	19.30	1.20	30.48	1.35	34.29	2.13	53.98	1.92	48.74	1.07	27.18		
	03				1.01	25.65									1.32	33.53		

CRIMP RING ADAPTER

STRAIGHT; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III



MIL Part Number

M85049	/26	-1	10	W
Series	Slash Sheet 26: Straight, Spin Coupling	Shell Size (Table A)	Dash Number (Table A: 26-1 & 26-3) (Table B: 26-2)	Finish (Table 2, pg. 14)

TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA (MAX)		B (MAX)		C (MAX)		D DIA (MAX)		E DIA.(MAX)	
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	8	0.62	15.67	1.28	32.34	0.96	24.38	0.25	6.35	0.35	8.81
10	10	0.73	18.64	1.28	32.34	0.96	24.38	0.33	8.26	0.50	12.70
12	7/12	0.86	21.79	1.28	32.34	0.96	24.38	0.42	10.67	0.51	12.95
14	12/14	0.98	24.99	1.28	32.34	0.96	24.38	0.54	13.72	0.63	16.00
16	19/16	1.11	28.24	1.28	32.34	0.96	24.38	0.67	17.02	0.76	19.30
18	27/18	1.22	30.94	1.28	32.34	0.96	24.38	0.79	20.04	0.89	22.61
20	37/20	1.35	34.16	1.28	32.34	0.96	24.38	0.91	23.22	1.01	25.65
22	22	1.47	37.29	1.28	32.34	0.96	24.38	1.04	26.39	1.13	28.70
24	24	1.59	40.46	1.28	32.34	0.96	24.38	1.11	28.24	1.20	30.48
28	28	1.97	50.01	1.44	36.55	0.96	24.38	1.39	35.28	1.56	39.62
32	32	2.22	56.36	1.44	36.55	0.96	24.38	1.64	41.53	1.81	45.97
36	36	2.47	62.71	1.44	36.55	0.96	24.38	1.85	46.99	2.06	52.32
40	40	2.72	69.06	1.44	36.55	0.96	24.38	2.07	52.45	2.31	58.67
44	44	2.97	75.41	1.44	36.55	0.96	24.38	2.32	58.93	2.56	65.02
48	48	3.22	81.76	1.44	36.55	0.96	24.38	2.57	65.28	2.81	71.37

TABLE-B

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	X DIA				Y DIA				Z	
			MIN		MAX		MIN		MAX			
DASH NO	PART NO COLOR		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	GREEN	8	0.45	11.38	0.46	11.63	0.40	10.16	0.41	10.41	0.25	6.35
10	RED	10	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
12	RED	7/12	0.66	16.76	0.68	17.27	0.59	14.86	0.60	15.11	0.44	11.18
14	BLUE	12/14	0.78	19.81	0.80	20.32	0.71	17.91	0.72	18.16	0.44	11.18
16	GRAY	19/16	0.91	23.11	0.93	23.62	0.84	21.21	0.85	21.46	0.44	11.18
18	BROWN	27/18	1.08	27.43	1.10	27.94	1.01	25.53	1.02	25.78	0.44	11.18
20	GREEN	37/20	1.20	30.48	1.22	30.99	1.13	28.58	1.14	28.83	0.44	11.18
22	PINK	22	1.32	33.53	1.34	34.04	1.25	31.62	1.26	31.88	0.44	11.18
24	YELLOW	24	1.39	35.23	1.41	35.74	1.31	33.32	1.32	33.58	0.44	11.18
28	RED	28	1.74	44.20	1.76	44.70	1.67	42.29	1.68	42.55	0.44	11.18
32	GRAY	32	1.99	50.55	2.01	51.05	1.92	48.64	1.93	48.90	0.44	11.18
36	GREEN	36	2.24	56.90	2.26	57.40	2.17	54.99	2.18	55.25	0.44	11.18
40	ORANGE	40	2.49	63.25	2.51	63.75	2.42	61.34	2.43	61.60	0.44	11.18
44	YELLOW	44	2.74	69.20	2.76	70.10	2.67	67.69	2.68	67.95	0.44	11.18
48	BLUE	48	2.99	75.95	3.01	76.45	2.92	74.04	2.93	74.30	0.44	11.18

CRIMP RING ADAPTER

STRAIGHT; SPIN COUPLING

38999 Series I & Series II

MIL Part Number

M85049	/33	-2	-10	W
Series	Slash Sheet 33: Straight	Adapter w/o Crimp Ring	Dash Number (Table A)	Finish (Table 2, pg. 14)

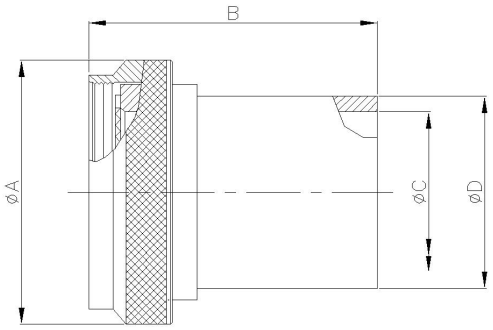


TABLE – A									
MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SE – II / I	A DIA.(MAX)		B (MAX)		C DIA.(MAX)		D DIA.(MAX)	
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8 / 9	0.75	19.05	1.14	28.96	0.27	6.86	0.35	8.89
10	10 / 11	0.85	21.59	1.14	28.96	0.34	8.64	0.50	12.70
12	12 / 13	1.00	25.40	1.14	28.96	0.44	11.18	0.51	12.95
14	14 / 15	1.10	27.94	1.14	28.96	0.56	14.22	0.63	16.00
16	16 / 17	1.25	31.75	1.14	28.96	0.69	17.53	0.76	19.30
18	18 / 19	1.40	35.56	1.14	28.96	0.80	20.32	0.89	22.61
20	20 / 21	1.50	38.10	1.14	28.96	0.93	23.62	1.01	25.65
22	22 / 23	1.65	41.91	1.14	28.96	1.05	26.67	1.13	28.70
24	24 / 25	1.75	44.45	1.14	28.96	1.13	28.70	1.20	30.48

STRAIGHT; SPIN COUPLING

38999 Series III & Series IV

MIL Part Number

M85049	/20	-11	W
Series	Slash Sheet 20: Straight	Shell Size (Table A)	Finish (Table 2, pg. 14)

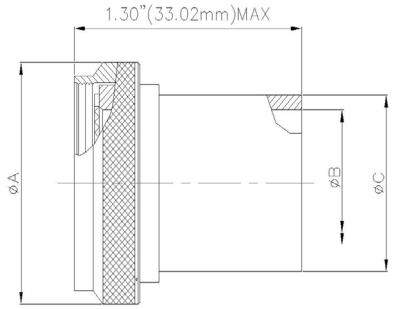
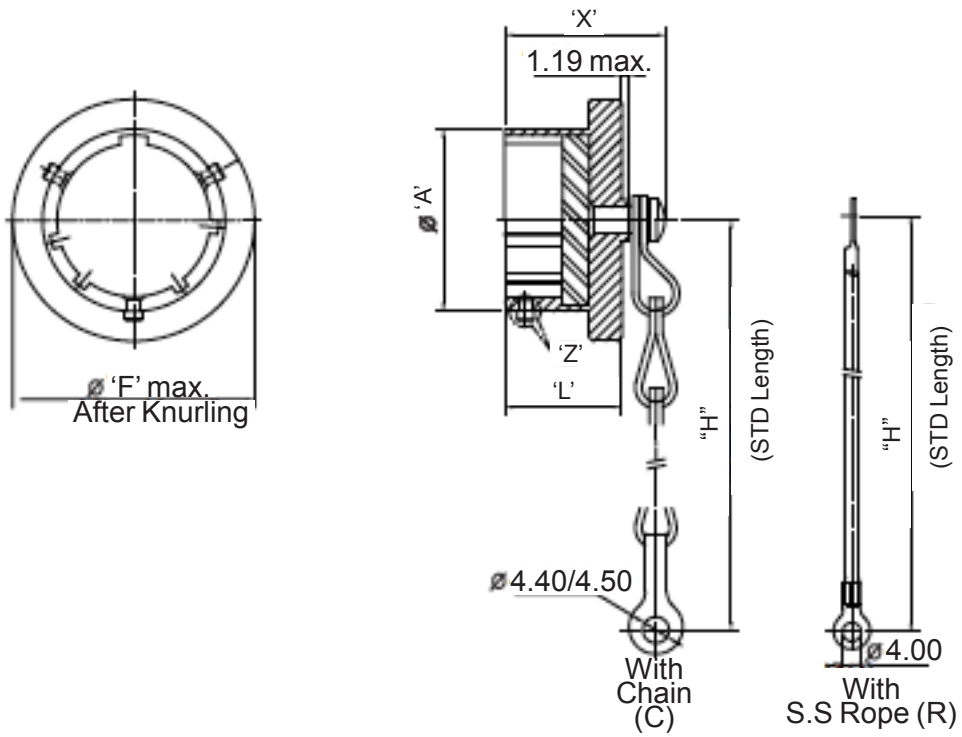


TABLE – A							
MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA.(MAX)		B DIA.(MAX)		C DIA.(MAX)	
CONNECTOR SHELL SIZE		INCH	MM	INCH	MM	INCH	MM
9	9 / A	0.75	19.05	0.27	6.73	0.35	8.81
11	11 / B	0.85	21.59	0.34	8.71	0.50	12.65
13	13 / C	1.00	25.40	0.44	11.10	0.51	12.95
15	15 / D	1.10	27.94	0.56	14.27	0.63	16.00
17	17 / E	1.25	31.75	0.69	17.45	0.76	19.30
19	19 / F	1.40	35.56	0.81	20.62	0.89	22.61
21	21 / G	1.50	38.10	0.94	23.80	1.01	25.65
23	23 / H	1.65	41.91	1.05	26.57	1.13	28.70
25	25 / J	1.75	44.45	1.13	28.58	1.20	30.53

MIL-DTL-26482 PROTECTIVE CAPS MS3180

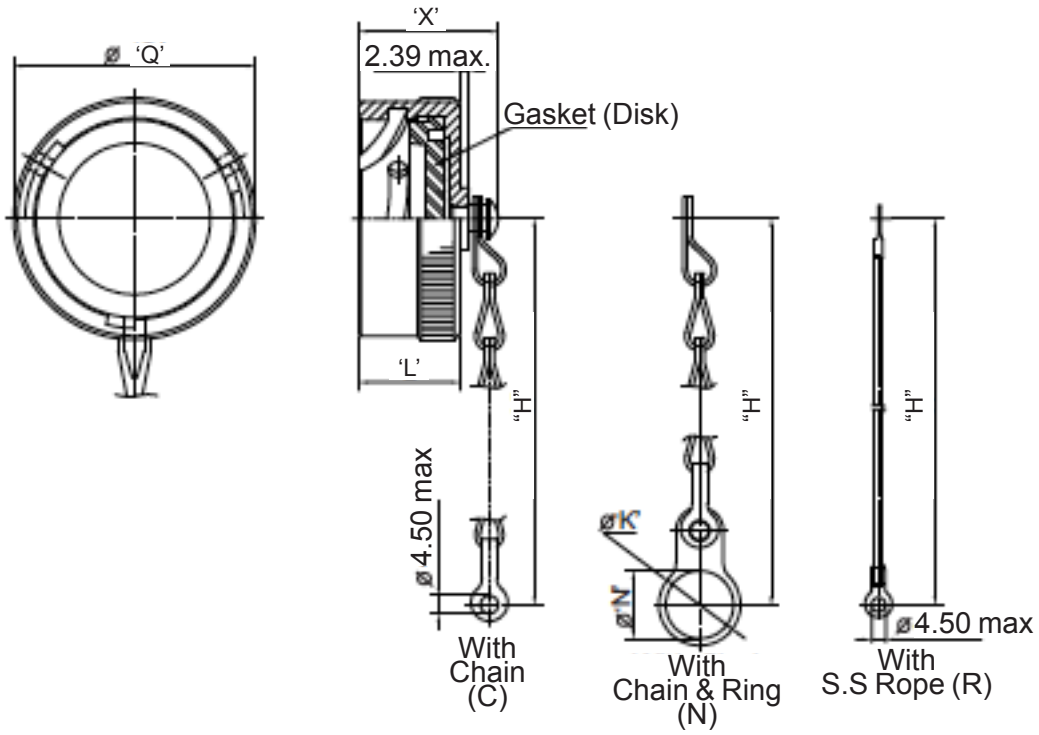
MS3180	10	C	A	L
	Shell Size	Style	Class	Length
Designates Plug Dust Cover	08 10 12 14 16 18 20 22 24	C: W/ Chain R: W/O Chain	A: Hard Anodize Black K: Black Zinc Nickel L: Electroless Nickel Plate W: Cadmium Olive Drab	L: 127.0 + 12.7/-6.35 chain/rope in lieu of std. length (Omit for standard length "H")



SHELL SIZE	A Ref. +0.03 -0.13	F Max. Overall	H +12.70 -6.35	L Max. Length	X Max. Overall	F +0.00/-0.08 For Heavy Duty
08	12.01	18.26	76.20	14.27	19.84	22.10
10	14.99	21.44				24.86
12	19.05	25.40	88.90			29.24
14	22.22	28.58				32.41
16	25.40	31.75				35.58
18	28.58	34.92				38.22
20	31.75	38.10	101.60	15.88	21.44	41.94
22	34.92	41.28				45.11
24	38.10	44.45		16.71	22.22	48.18

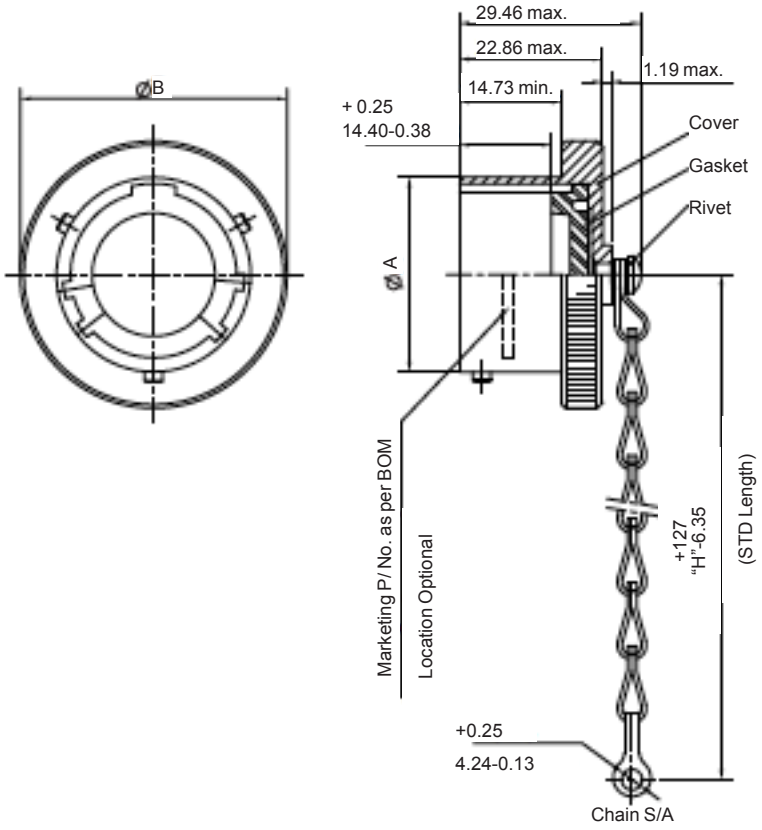
MIL-DTL-26482 PROTECTIVE CAPS MS3181

MS3181	10	C	A	L
	Shell Size	Style	Class	Length
Designates Receptacle Dust Cover	08 10 12 14 16 18 20 22 24	C: W/ Chain N: W/ Chain & Ring R: W/O Chain	A: Hard Anodize Black K: Black Zinc Nickel L: Electroless Nickel Plate W: Cadmium Olive Drab	L: 127.0 + 12.7/-6.35 chain/rope in lieu of std. length (Omit for standard length "H")



SHELL SIZE	H +12.70/ -6.35	K Max	L Max	N MIN	Q MIN	F Max. Overall
08	76.20	20.62	14.27	14.68	18.64	21.44
10		25.40		17.86	21.82	
12	88.90	30.18		22.63	25.40	
14		88.90		25.81	28.58	
16		39.67		28.98	31.75	
18		42.88		32.16	34.92	
20	101.60	46.02		35.33	38.10	
22		49.23		38.51	41.28	
24		101.60	15.29	41.68	44.45	22.22

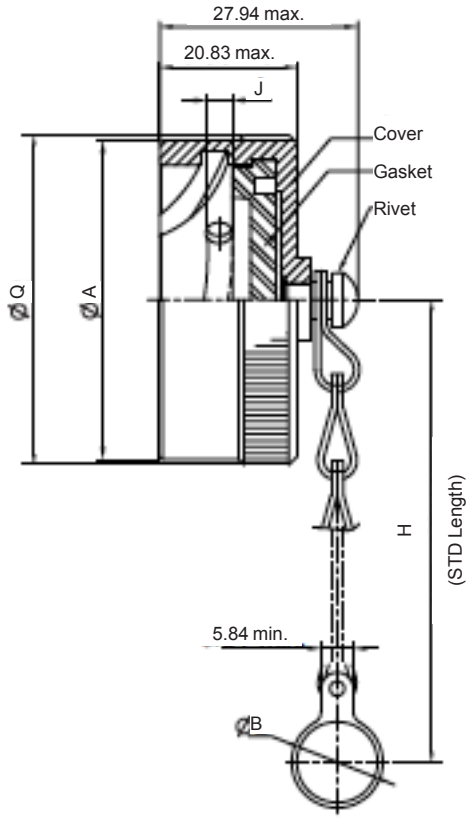
MS27501	11	C	B	L
	Shell Size	Style	Class	Length
Designates Plug Dust Cover	09 11 13 15 17 19 21 23 25	C: W/ Chain A: W/O Chain	C: Hard Anodize Black Z: Black Zinc Nickel F: Electroless Nickel B: Cadmium Olive Drab	L: 12.70 + 12.7/6.35 chain M: 152.4 mm chain N: 177.8 inch chain (Omit for standard length "H")



SHELL SIZE	'A' +0.02 -0.13	'B' max	H +12.70/ -6.35
09	14.53	20.83	76.20
11	17.78	23.88	
13	21.59	27.18	88.90
15	24.77	30.23	
17	27.94	33.53	
19	30.66	36.58	
21	33.83	39.88	101.60
23	37.01	42.93	
25	40.18	46.23	

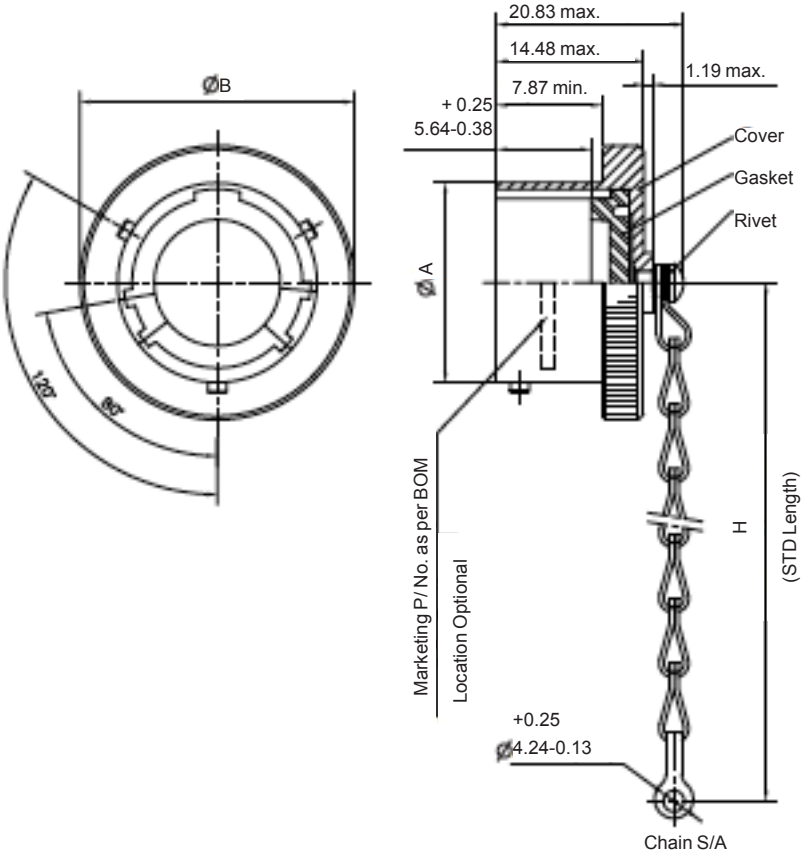
MIL-DTL-38999 SER I RECEPTACLE CAPS

MS27502	11	C	B	L
	Shell Size	Style	Class	Length
Designates Receptacle Dust Cover	09 11 13 15 17 19 21 23 25	C: W/ Chain N: W/ Chain & Ring A: W/O Chain	C: Hard Anodize Black Z: Black Zinc Nickel F: Electroless Nickel B: Cadmium Olive Drab	L- 127.0 + 12.7/-6.35 chain/Rope in lieu of std. length (Omit for standard length "H")



SHELL SIZE	A' Max	B' Min	H +12.70/ -6.35	J +0.38	Q Max
09	20.83	17.78	76.20	2.67	21.84
11	23.88	21.34			24.89
13	27.94	25.65	88.90		29.46
15	30.99	28.96			32.51
17	34.05	32.00			35.81
19	37.08	35.31			38.61
21	40.13	38.35	101.60		41.91
23	43.18	41.66			44.96
25	46.48	44.70		3.51	48.01

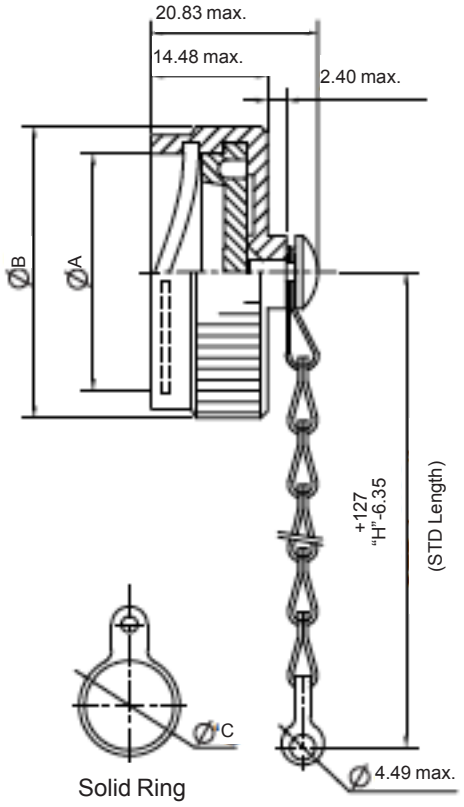
MS27510	08	A	C	L
	Shell Size	Style	Class	Length
Designates Plug Dust Cover	08 10 12 14 16 18 20 22 24	C: W/ Chain A: W/O Chain	C: Hard Anodize Black Z: Black Zinc Nickel F: Electroless Nickel B: Cadmium Olive Drab	L- 127.0 + 12.7/-6.35 chain/Rope in lieu of std. length M: 152.4 N: 177.8 (Omit for standard length "H")



SHELL SIZE	'A' +0.02 -0.13	'B' max	H +12.70/ -6.35
08	12.01	18.29	76.20
10	14.99	21.59	
12	19.05	25.40	88.90
14	22.22	28.70	
16	25.40	31.75	
18	28.58	35.05	
20	31.75	38.10	101.60
22	34.92	41.40	
24	38.10	44.45	

MIL-DTL-38999 SER II RECEPTACLE CAPS

MS27511	10	A	B	L
	Shell Size	Style	Class	Length
Designates Receptacle Dust Cover	08 10 12 14 16 18 20 22 24	C: W/ Chain N: W/ Chain & Ring A: W/O Chain R: S.S Rope hole (3.28 max. 08 to 22 size) (3.68 max. 24 size)	C: Hard Anodize Black Z: Black Zinc Nickel F: Electroless Nickel B: Cadmium Olive Drab	L- 127.0 + 12.7/-6.35 chain/Rope in lieu of std. length (Omit for standard length "H")

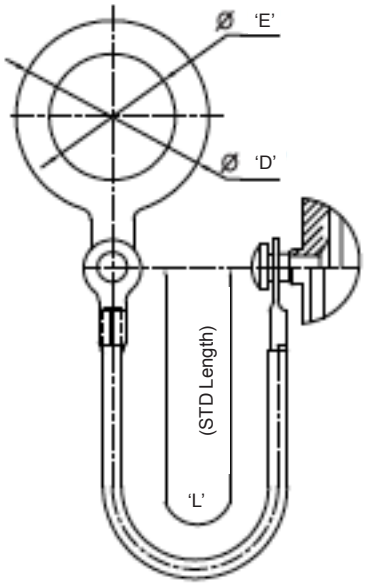


Solid Ring

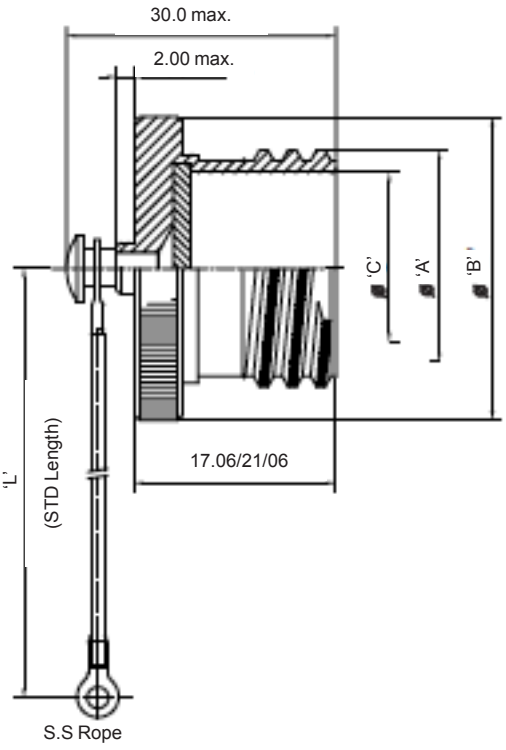
SHELL SIZE	A' Max	B' Max	'C' Min	H
08	16.00	19.05	22.61	76.20
10	19.33	21.82	25.65	
12	23.77	26.19	28.96	88.90
14	27.28	29.36	32.0	
16	29.77	32.54	35.31	
18	33.12	35.71	38.35	
20	36.45	38.89	41.66	101.60
22	39.62	41.68	44.70	
24	42.88	44.86	48.0	

MIL-DTL-38999 SER III PLUG CAPS D38999/32

D38999/32	15	R	W
	Shell Size	Style	Class
Designates Plug Dust Cover	09 11 13 15 17 19 21 23 25	N: W/ S.S Rope & Ring R: W/ S.S Rope	W: Aluminum Alloy 500 Hrs. Cadmium Olive Drab Z: Aluminum Alloy 500 Hrs. Black Zinc Nickel F: Aluminum Alloy 48 Hrs. Electroless Nickel



(Alternate Type For Jam Nit Type Only)
S.S Rope with Ring

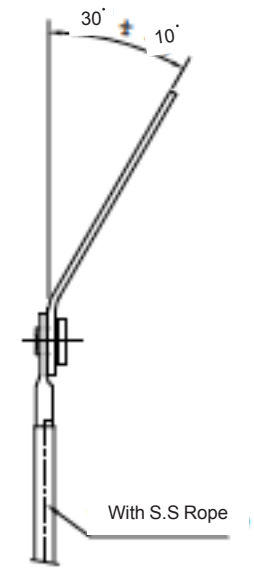


S.S Rope

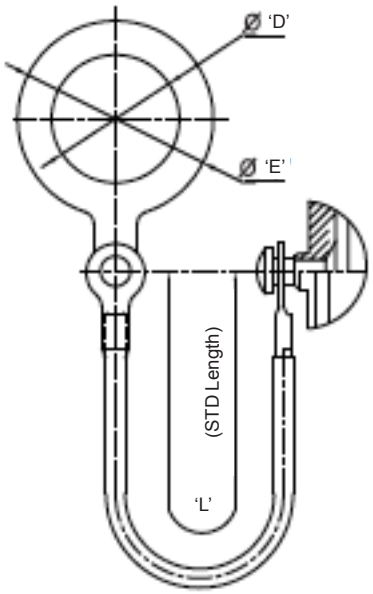
SHELL SIZE	'A' Thread -2A -0.1P -0.3L-TS	B' Max	'C' +0.0 -0.15	D Max	E Min	'L' + 13.0 -7.0
09	0.625"	23.0	12.50	24.0	13.0	127
11	0.750"	26.0	15.75	27.0	18.0	
13	0.875"	31.0	19.53	30.0	20.0	
15	1.000"	33.0	22.71	31.0	23.0	
17	1.1875"	37.0	25.88	37.0	26.0	
19	1.250"	40.0	28.55	40.0	29.0	
21	1.375"	44.0	31.72	44.0	32.0	
23	1.500"	46.0	34.80	46.0	34.0	
25	1.625"	50.0	38.07	49.0	39.0	

MIL-DTL-38999 SER III RECEPTACLE CAPS D38999/33

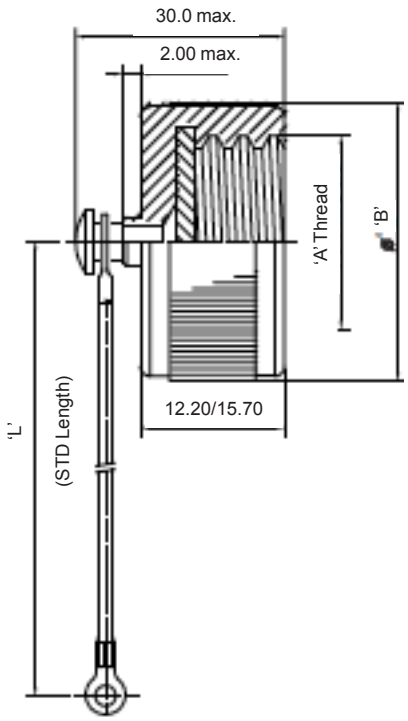
JAND38999/33	15	R	W
	Shell Size	Style	Class
Designates Receptacle Dust Cover	09 11 13 15 17 19 21 23 25	N: W/ S.S Rope & Ring R: W/ S.S Rope	W: Aluminum Alloy 500 Hrs. Cadmium Olive Drab Z: Aluminum Alloy 500 Hrs. Black Zinc Nickel F: Aluminum Alloy 48 Hrs. Electroless Nickel



Angled Ring



(Alternate Type For Jam Nit Type Only)
S.S Rope with Ring



S.S Rope

SHELL SIZE	'A' Thread -2A -0.1P -0.3L-TS	B' Max	'C' +0.0 -0.15	D Min	'L' + 13.0 -7.0
09	0.625"	23.0	27.0	17.64	127
11	0.750"	28.0	32.0	21.97	
13	0.875"	31.0	37.0	25.12	
15	1.000"	32.0	40.0	29.92	
17	1.1875"	37.0	44.0	32.0	
19	1.250"	39.0	46.0	36.27	
21	1.375"	42.0	49.0	38.25	
23	1.500"	45.0	54.0	42.62	
25	1.625"	49.0	56.0	44.45	

STRAIGHT, SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/11	-10	W
Series	Slash Sheet 11:Straight, Spin Coupling	Dash Number (Table A)	Finish (Table 2, pg. 14)

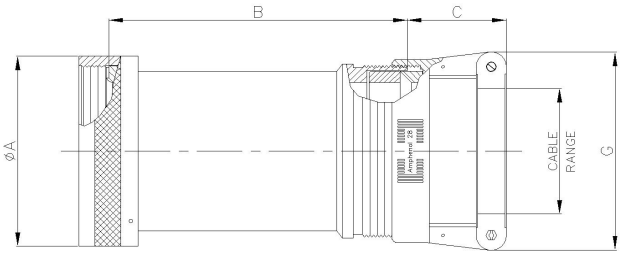


TABLE – A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF) L MAX		G (MAX) L MAX		CABLE RANGE			
											MIN WIRE		MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	05	8	0.62	15.67	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
	06		0.62	15.67	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
	07*		0.62	15.67	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	08*		0.62	15.67	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
10	09	10	0.73	18.64	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	10		0.73	18.64	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	11*		0.73	18.64	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	12*		0.73	18.64	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	136		0.73	18.64	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
	137		0.73	18.64	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
12	13	7/12	0.86	21.79	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	14		0.86	21.79	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	15*		0.86	21.79	2.88	73.15	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	16*		0.86	21.79	3.88	98.55	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	111		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
	114		0.86	21.79	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	115		0.86	21.79	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	138		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
	139		0.86	21.79	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
14	17	12/14	0.98	24.99	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
	18		0.98	24.99	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
	19*		0.98	24.99	2.88	73.15	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	20*		0.98	24.99	3.88	98.55	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	116		0.98	24.99	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	117		0.98	24.99	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	150		0.98	24.99	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	151		0.98	24.99	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
16	21	19/16	1.11	28.24	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78
	22		1.11	28.24	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78
	23*		1.11	28.24	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	24*		1.11	28.24	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	112		1.11	28.24	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	113		1.11	28.24	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10

Table continued

STRAIGHT, SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE – A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF) L MAX		G (MAX) L MAX		CABLE RANGE			
											MIN WIRE		MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
16, cont.	118	19/16	1.11	28.24	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	119		1.11	28.24	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	152		1.11	28.24	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	153		1.11	28.24	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
18	25	27/18	1.22	30.94	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	26		1.22	30.94	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	27		1.22	30.94	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	28		1.22	30.94	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	29*		1.22	30.94	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	30*		1.22	30.94	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	120		1.22	30.94	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	121		1.22	30.94	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	122		1.22	30.94	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	123		1.22	30.94	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
20	31	37/20	1.35	34.16	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	32		1.35	34.16	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	33		1.35	34.16	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	34		1.35	34.16	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	35*		1.35	34.16	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	36*		1.35	34.16	4.88	123.95	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	37*		1.35	34.16	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	38*		1.35	34.16	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	124		1.35	34.16	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	125		1.35	34.16	4.13	104.90	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	140		1.35	34.16	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.90	22.96
	141		1.35	34.16	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.90	22.96
22	39	22	1.47	37.29	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	40		1.47	37.29	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	41		1.47	37.29	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	42		1.47	37.29	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	43		1.47	37.29	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	44		1.47	37.29	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	45*		1.47	37.29	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	46*		1.47	37.29	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	126		1.47	37.29	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	127		1.47	37.29	4.13	104.90	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	128		1.47	37.29	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	129		1.47	37.29	4.13	104.90	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	142		1.47	37.29	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.03	26.14
	143		1.47	37.29	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.03	26.14
24	47	24	1.59	40.46	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	48		1.59	40.46	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	49		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62
	50		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62
	51		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	52		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	53*		1.59	40.46	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	54*		1.59	40.46	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	130		1.59	40.46	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	131		1.59	40.46	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	144		1.59	40.46	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06
	145		1.59	40.46	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06
28	55	28	1.97	50.01	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	56		1.97	50.01	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	57		1.97	50.01	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	58		1.97	50.01	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80

Table continued

(*)Denotes Style- 2

STRAIGHT, SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE – A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF) L MAX		G (MAX) L MAX		CABLE RANGE MIN WIRE		CABLE RANGE MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
28, cont.	59	28	1.97	50.01	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	60		1.97	50.01	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	61		1.97	50.01	3.13	79.50	1.50	38.10	23.63	600.20	1.00	25.40	1.38	34.93
	62		1.97	50.01	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
32	63	32	2.22	56.36	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	64		2.22	56.36	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	65		2.22	56.36	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	12.50	317.50
	66		2.22	56.36	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	67		2.22	56.36	3.13	79.50	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	68		2.22	56.36	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	69		2.22	56.36	3.13	79.50	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	70		2.22	56.36	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
36	71	36	2.47	62.71	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	72		2.47	62.71	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	73		2.47	62.71	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	74		2.47	62.71	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	75		2.47	62.71	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	76		2.47	62.71	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	77*		2.47	62.71	5.01	127.25	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	78*		2.47	62.71	6.01	152.65	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	132		2.47	62.71	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	133		2.47	62.71	5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	146		2.47	62.71	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74
	147		2.47	62.71	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74
	148		2.47	62.71	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	149		2.47	62.71	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
40	79	40	2.72	69.06	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	80		2.72	69.06	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	81		2.72	69.06	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	82		2.72	69.06	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	83		2.72	69.06	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	84		2.72	69.06	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	85		2.72	69.06	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	86		2.72	69.06	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	134		2.72	69.06	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	135		2.72	69.06	5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	156		2.72	69.06	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	157		2.72	69.06	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
44	87	44	2.97	75.41	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	88		2.97	75.41	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	89		2.97	75.41	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	90		2.97	75.41	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	91		2.97	75.41	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	92		2.97	75.41	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	93		2.97	75.41	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	94		2.97	75.41	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	154		2.97	75.41	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	155		2.97	75.41	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
48	95	48	3.22	81.76	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	96		3.22	81.76	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	97		3.22	81.76	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	98		3.22	81.76	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	99		3.22	81.76	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	100		3.22	81.76	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	101		3.22	81.76	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	102		3.22	81.76	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63

90° & 45°; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/9	-10	W
Series	Slash Sheet 9: 90° 7: 45°	Dash Number (Table A)	Finish (Table 2, pg. 14)

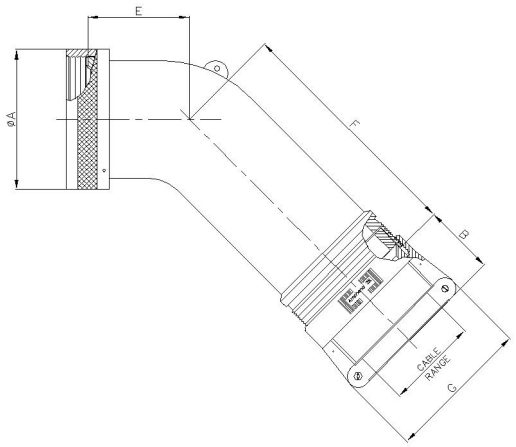


TABLE – A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE RANGE			
																	MIN WIRE		MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	3	8	0.62	15.67	1.03	26.09	0.67	17.02	1.26	32.00	0.63	16.00	1.25	31.75	0.96	24.31	0.13	3.18	0.25	6.35
10	4	10	0.73	18.64	1.03	26.09	0.76	19.30	1.98	50.29	0.69	17.53	1.92	48.77	0.96	24.31	0.13	3.18	0.31	7.92
	49*		0.73	18.64	1.03	26.09	1.52	38.61	2.00	50.80	1.50	38.10	1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	5		0.73	18.64	1.03	26.09	0.76	19.30	1.38	35.05	0.69	17.53	1.31	33.27	1.15	29.08	0.25	6.35	0.38	9.53
12	6	7/12	0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29	0.96	24.31	0.13	3.18	0.31	7.92
	71*		0.86	21.79	1.03	26.09	1.81	45.97	2.16	54.86	1.65	41.91	2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	7		0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	8		0.86	21.79	1.03	26.09	0.77	19.56	1.40	35.56	0.75	19.05	1.98	50.29	1.33	33.83	0.35	8.89	0.50	12.70
14	9	12/14	0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58	1.15	29.08	0.25	6.35	0.44	11.10
	10		0.98	24.99	1.03	26.09	0.87	22.10	1.72	43.69	0.81	20.57	1.72	43.69	1.33	33.83	0.35	8.89	0.58	14.61
	50*		0.98	24.99	1.06	26.90	1.89	48.01	2.33	59.18	1.84	46.74	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	74		0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58	0.96	24.31	0.13	3.18	0.31	7.92
16	11	19/16	1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	1.15	29.08	0.25	6.35	0.44	11.10
	12		1.11	28.24	1.06	26.90	1.05	26.67	1.81	45.97	0.91	23.11	1.82	46.23	1.55	39.40	0.50	12.70	0.70	17.78
	40		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	51*		1.11	28.24	1.16	29.36	2.04	51.82	2.44	61.98	1.94	49.28	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	75		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	0.96	24.31	0.13	3.18	0.31	7.92

(*)Denotes Style- 2

Table continued

90° & 45°; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE RANGE			
																	MIN WIRE		MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	13	27/18	1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	14		1.22	30.94	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80	1.77	44.96	0.63	15.88	0.78	19.79
	41		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	0.96	24.31	0.13	3.18	0.31	7.92
	42		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	52		1.22	30.94	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	72*		1.22	30.94	1.16	29.36	2.05	52.07	2.44	61.98	1.94	49.28	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
20	15	37/20	1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	16		1.35	34.16	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
	43		1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	54		1.35	34.16	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	55		1.35	34.16	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
22	17	22	1.47	37.29	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	18		1.47	37.29	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86	2.11	53.67	0.88	22.23	1.03	26.14
	44		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	0.96	24.31	0.13	3.18	0.31	7.92
	45		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.15	29.08	0.25	6.35	0.44	11.10
	56		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	57		1.47	37.29	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	58*		1.47	37.29	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
24	19	24	1.59	40.46	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	20		1.59	40.46	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86	2.11	53.67	0.88	22.23	1.14	29.06
	46		1.59	40.46	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	59		1.59	40.46	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	73*		1.59	40.46	1.38	34.93	2.15	54.61	2.61	66.29	2.06	52.32	2.57	65.28	2.12	53.75	0.88	22.23	1.25	31.75
28	21	28	1.97	50.01	1.16	29.36	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	1.77	44.96	0.63	15.88	0.94	23.80
	22		1.97	50.01	1.50	38.10	1.39	35.31	2.26	57.40	1.31	33.27	2.22	56.39	2.36	60.02	1.00	25.40	1.38	34.93
	60		1.97	50.01	1.06	26.90	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	1.55	39.40	0.50	12.70	0.75	19.05
	61		1.97	50.01	1.38	34.93	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
32	23	32	2.22	56.36	1.16	29.36	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	1.77	44.96	0.63	15.88	0.94	23.80
	24		2.22	56.36	1.38	34.93	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	2.11	53.67	0.88	22.23	1.25	31.75
	25		2.22	56.36	1.78	45.24	1.74	44.20	2.51	63.75	1.38	35.05	2.32	58.93	2.77	70.36	1.25	31.75	1.63	41.28
	62		2.22	56.36	1.50	38.10	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	2.36	60.02	1.00	25.40	1.38	34.93
36	26	36	2.47	62.71	1.16	29.36	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	27		2.47	62.71	1.50	38.10	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	28		2.47	62.71	1.83	46.48	1.94	49.28	2.48	62.99	1.41	35.81	2.41	61.21	3.02	76.71	1.44	36.50	1.84	46.74
	47		2.47	62.71	1.06	26.90	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	63		2.47	62.71	1.38	34.93	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	64		2.47	62.71	1.78	45.24	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
40	29	40	2.72	69.06	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	30		2.72	69.06	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	31		2.72	69.06	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	48		2.72	69.06	1.06	26.90	1.94	49.28	2.83	71.88	2.16	54.86	2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	65		2.72	69.06	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	66		2.72	69.06	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
44	32	44	2.97	75.41	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	33		2.97	75.41	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	34		2.97	75.41	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	67		2.97	75.41	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	68		2.97	75.41	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
48	35	48	3.22	81.76	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	36		3.22	81.76	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	37		3.22	81.76	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	69		3.22	81.76	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	70		3.22	81.76	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28

STRAIGHT; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/10	-10	W
Series	Slash Sheet 10 : Straight	Dash Number (Table A)	Finish (Table 2, pg. 14)

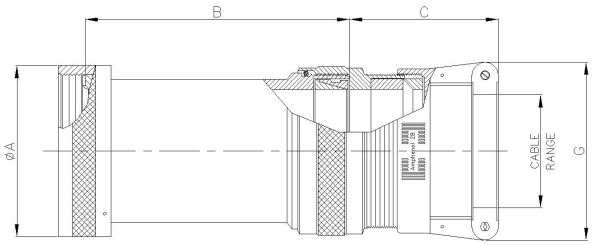


TABLE – A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF) L MAX		G (MAX) L MAX		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN WIRE		MAX WIRE	
											INCH	MM	INCH	MM
08	05	8	0.62	15.67	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35
	06		0.62	15.67	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35
	07*		0.62	15.67	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	08*		0.62	15.67	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
10	09	10	0.73	18.64	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	10		0.73	18.64	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	11*		0.73	18.64	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	12*		0.73	18.64	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	136		0.73	18.64	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53
	137		0.73	18.64	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53
12	13	7/12	0.86	21.79	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	14		0.86	21.79	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	15*		0.86	21.79	2.88	73.15	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	16*		0.86	21.79	3.88	98.55	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	111		0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70
	114		0.86	21.79	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	115		0.86	21.79	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	138		0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70
	139		0.86	21.79	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70
14	17	12/14	0.98	24.99	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61
	18		0.98	24.99	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61
	19*		0.98	24.99	2.88	73.15	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	20*		0.98	24.99	3.88	98.55	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	116		0.98	24.99	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	117		0.98	24.99	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	150		0.98	24.99	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	151		0.98	24.99	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
16	21	19/16	1.11	28.24	2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78
	22		1.11	28.24	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78
	23*		1.11	28.24	2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	24*		1.11	28.24	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	112		1.11	28.24	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	113		1.11	28.24	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	118		1.11	28.24	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	119		1.11	28.24	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	152		1.11	28.24	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	153		1.11	28.24	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92

Table continued

STRAIGHT; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE – A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF) L MAX		G (MAX) L MAX		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN WIRE		MAX WIRE	
											INCH	MM	INCH	MM
18	25	27/18	1.22	30.94	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	26		1.22	30.94	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	27		1.22	30.94	2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	28		1.22	30.94	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	29*		1.22	30.94	2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	30*		1.22	30.94	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	120		1.22	30.94	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	121		1.22	30.94	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	122		1.22	30.94	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	123		1.22	30.94	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
20	31	37/20	1.35	34.16	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	32		1.35	34.16	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	33		1.35	34.16	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	34		1.35	34.16	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	35*		1.35	34.16	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	36*		1.35	34.16	4.88	123.95	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	37*		1.35	34.16	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	38*		1.35	34.16	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	124		1.35	34.16	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	125		1.35	34.16	4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	140		1.35	34.16	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
	141		1.35	34.16	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
22	39	22	1.47	37.29	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	40		1.47	37.29	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	41		1.47	37.29	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	42		1.47	37.29	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	43		1.47	37.29	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	44		1.47	37.29	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	45*		1.47	37.29	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	46*		1.47	37.29	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	126		1.47	37.29	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	127		1.47	37.29	4.13	104.90	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	128		1.47	37.29	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	129		1.47	37.29	4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	142		1.47	37.29	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14
	143		1.47	37.29	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14
24	47	24	1.59	40.46	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	48		1.59	40.46	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	49		1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62
	50		1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62
	51		1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	52		1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	53*		1.59	40.46	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	54*		1.59	40.46	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	130		1.59	40.46	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	131		1.59	40.46	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	144		1.59	40.46	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06
	145		1.59	40.46	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06
28	55	28	1.97	50.01	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	56		1.97	50.01	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	57		1.97	50.01	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	58		1.97	50.01	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	59		1.97	50.01	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	60		1.97	50.01	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	61		1.97	50.01	3.13	79.50	2.02	51.41	23.63	600.20	1.00	25.40	1.38	34.93
	62		1.97	50.01	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93

(*)Denotes Style- 2

Table continued

STRAIGHT; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE – A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF) L MAX		G (MAX) L MAX		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN WIRE		MAX WIRE	
											INCH	MM	INCH	MM
32	63	32	2.22	56.36	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	64		2.22	56.36	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	65		2.22	56.36	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	12.50	317.50
	66		2.22	56.36	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	67		2.22	56.36	3.13	79.50	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	68		2.22	56.36	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	69		2.22	56.36	3.13	79.50	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	70		2.22	56.36	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
36	71	36	2.47	62.71	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	72		2.47	62.71	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	73		2.47	62.71	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	74		2.47	62.71	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	75		2.47	62.71	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	76		2.47	62.71	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	77*		2.47	62.71	5.01	127.25	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	78*		2.47	62.71	6.01	152.65	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	132		2.47	62.71	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	133		2.47	62.71	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	146		2.47	62.71	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74
	147		2.47	62.71	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74
	148		2.47	62.71	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	149		2.47	62.71	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
40	79	40	2.72	69.06	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	80		2.72	69.06	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	81		2.72	69.06	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	82		2.72	69.06	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	83		2.72	69.06	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	84		2.72	69.06	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	85		2.72	69.06	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	86		2.72	69.06	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	134		2.72	69.06	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	135		2.72	69.06	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	156		2.72	69.06	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	157		2.72	69.06	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
44	87	44	2.97	75.41	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	88		2.97	75.41	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	89		2.97	75.41	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	90		2.97	75.41	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	91		2.97	75.41	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	92		2.97	75.41	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	93		2.97	75.41	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	94		2.97	75.41	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	154		2.97	75.41	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	155		2.97	75.41	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
48	95	48	3.22	81.76	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	96		3.22	81.76	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	97		3.22	81.76	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	98		3.22	81.76	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	99		3.22	81.76	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	100		3.22	81.76	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	101		3.22	81.76	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	102		3.22	81.76	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63

90° & 45°; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/8	-10	W
Series	Slash Sheet 6: 45° 8: 90°	Dash Number (Table A)	Finish (Table 2, pg. 14)

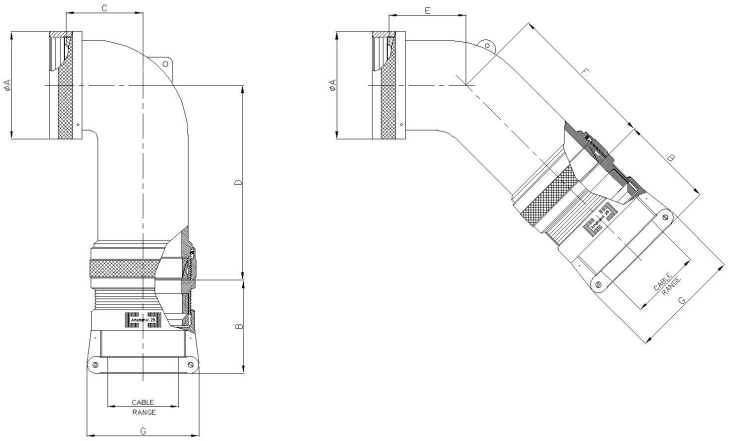


TABLE – A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE RANGE			
																	MIN WIRE		MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	3	8	0.62	15.67	1.54	39.22	0.67	17.02	1.26	32.00	0.63	16.00	1.25	31.75	0.96	24.31	0.13	3.18	0.25	6.35
10	4	10	0.73	18.64	1.54	39.22	0.76	19.30	1.98	50.29	0.69	17.53	1.92	48.77	0.96	24.31	0.13	3.18	0.31	7.92
	49*		0.73	18.64	1.54	39.22	1.52	38.61	2.00	50.80	1.50	38.10	1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	5		0.73	18.64	1.54	39.22	0.76	19.30	1.38	35.05	0.69	17.53	1.31	33.27	1.15	29.08	0.25	6.35	0.38	9.53
12	6	7/12	0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29	0.96	24.31	0.13	3.18	0.31	7.92
	71*		0.86	21.79	1.84	46.84	1.81	45.97	2.16	54.86	1.65	41.91	2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	7		0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	8		0.86	21.79	1.84	46.84	0.77	19.56	1.40	35.56	0.75	19.05	1.98	50.29	1.33	33.83	0.35	8.89	0.50	12.70
14	9	12/14	0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58	1.15	29.08	0.25	6.35	0.44	11.10
	10		0.98	24.99	1.84	46.84	0.87	22.10	1.72	43.69	0.81	20.57	1.72	43.69	1.33	33.83	0.35	8.89	0.58	14.61
	50*		0.98	24.99	1.92	48.67	1.89	48.01	2.33	59.18	1.84	46.74	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	74		0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58	0.96	24.31	0.13	3.18	0.31	7.92
16	11	19/16	1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	1.15	29.08	0.25	6.35	0.44	11.10
	12		1.11	28.24	1.92	48.67	1.05	26.67	1.81	45.97	0.91	23.11	1.82	46.23	1.55	39.40	0.50	12.70	0.70	17.78
	40		1.11	28.24	1.84	46.84	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	51*		1.11	28.24	2.00	50.80	2.04	51.82	2.44	61.98	1.94	49.28	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	75		1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	0.96	24.31	0.13	3.18	0.31	7.92

Table continued

90° & 45°; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE – A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE RANGE			
																	MIN WIRE		MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	13	27/18	1.22	30.94	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	14		1.22	30.94	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80	1.77	44.96	0.63	15.88	0.78	19.79
	41		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	0.96	24.31	0.13	3.18	0.31	7.92
	42		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	52		1.22	30.94	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	72*		1.22	30.94	2.00	50.80	2.05	52.07	2.44	61.98	1.94	49.28	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
20	15	37/20	1.35	34.16	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	16		1.35	34.16	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
	43		1.35	34.16	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	54		1.35	34.16	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	55		1.35	34.16	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
22	17	22	1.47	37.29	1.92	48.72	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	18		1.47	37.29	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86	2.11	53.67	0.88	22.23	1.03	26.14
	44		1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	0.96	24.31	0.13	3.18	0.31	7.92
	45		1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.15	29.08	0.25	6.35	0.44	11.10
	56		1.47	37.29	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	57		1.47	37.29	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	58*		1.47	37.29	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
24	19	24	1.59	40.46	1.92	48.67	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	20		1.59	40.46	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86	2.11	53.67	0.88	22.23	1.14	29.06
	46		1.59	40.46	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	59		1.59	40.46	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	73*		1.59	40.46	2.23	56.64	2.15	54.61	2.61	66.29	2.06	52.32	2.57	65.28	2.12	53.75	0.88	22.23	1.25	31.75
28	21	28	1.97	50.01	2.00	50.80	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	1.77	44.96	0.63	15.88	0.94	23.80
	22		1.97	50.01	2.02	51.41	1.39	35.31	2.26	57.40	1.31	33.27	2.22	56.39	2.36	60.02	1.00	25.40	1.38	34.93
	60		1.97	50.01	1.92	48.67	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	1.55	39.40	0.50	12.70	0.75	19.05
	61		1.97	50.01	2.23	56.64	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
32	23	32	2.22	56.36	2.00	50.80	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	1.77	44.96	0.63	15.88	0.94	23.80
	24		2.22	56.36	2.23	56.64	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	2.11	53.67	0.88	22.23	1.25	31.75
	25		2.22	56.36	2.55	64.77	1.74	44.20	2.51	63.75	1.38	35.05	2.32	58.93	2.77	70.36	1.25	31.75	1.63	41.28
	62		2.22	56.36	2.02	51.41	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	2.36	60.02	1.00	25.40	1.38	34.93
36	26	36	2.47	62.71	2.00	50.80	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	27		2.47	62.71	2.02	51.41	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	28		2.47	62.71	2.60	66.04	1.94	49.28	2.48	62.99	1.41	35.81	2.41	61.21	3.02	76.71	1.44	36.50	1.84	46.74
	47		2.47	62.71	1.92	48.67	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	63		2.47	62.71	2.23	56.64	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	64		2.47	62.71	2.55	64.77	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
40	29	40	2.72	69.06	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	30		2.72	69.06	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	31		2.72	69.06	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	48		2.72	69.06	1.92	48.67	1.94	49.28	2.83	71.88	2.16	54.86	2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	65		2.72	69.06	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	66		2.72	69.06	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
44	32	44	2.97	75.41	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	33		2.97	75.41	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	34		2.97	75.41	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	67		2.97	75.41	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	68		2.97	75.41	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
48	35	48	3.22	81.76	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	36		3.22	81.76	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	37		3.22	81.76	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	69		3.22	81.76	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	70		3.22	81.76	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28

STRAIGHT; DIRECT COUPLING

38999 Series I, II

MIL Part Number

M85049	/17	10	W	03	A
Series	Slash Sheet 17: Straight	Shell Size (Table A)	Finish (Table 2, pg. 14)	Clamp Size (Table A)	Length (Table A) Omit for "STD"

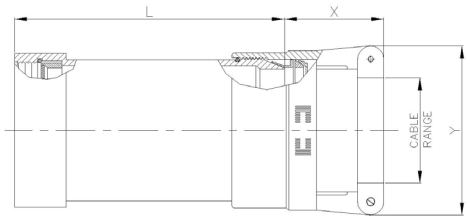


TABLE – A

MIL PART NUMBER DESIGNATOR				CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH	CONNECTOR SHELL SIZE SE – II / I	MIN		MAX		INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM						
08	01	STD.	8 / 9	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		A						2.53	64.26				
	02	STD.		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		A						2.53	64.26				
10	01	STD.	10 / 11	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		A						2.53	64.26				
	02	STD.		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		A						2.53	64.26				
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		A						2.53	64.26				
12	02	STD.	12 / 13	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		A						2.53	64.26				
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		A						2.53	64.26				
	04	STD.		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		A						2.53	64.26				
14	02	STD.	14 / 15	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		A						2.53	64.26				
		B						3.53	89.66				
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		A						2.53	64.26				
		B						3.53	89.66				
	04	STD.		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		A						2.53	64.26				
		B						3.53	89.66				
	05	STD.		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		A						2.53	64.26				
		B						3.53	89.66				
16	02	STD.	16 / 17	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		A						2.53	64.26				
		B						3.53	89.66				
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		A						2.53	64.26				
		B						3.53	89.66				
	04	STD.		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		A						2.53	64.26				
		B						3.53	89.66				
	05	STD.		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		A						2.53	64.26				
		B						3.53	89.66				
	06	STD.		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		A						2.53	64.26				
		B						3.53	89.66				

Table continued

STRAIGHT; DIRECT COUPLING

38999 Series I, II

TABLE – A, cont.

MIL PART NUMBER DESIGNATOR		CONNECTOR	LENGTH	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
ACCESSORY SHELL SIZE	CLAMP SIZE	SHELL SIZE SE – II / I		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	03	18 / 19	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
			A					2.53	64.26				
			B					3.53	89.66				
	04		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
			A					2.53	64.26				
			B					3.53	89.66				
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
			A					2.53	64.26				
			B					3.53	89.66				
	06		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
			A					2.53	64.26				
			B					3.53	89.66				
	07		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
			A					2.53	64.26				
			B					3.53	89.66				
20	03	20 / 21	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	04		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	06		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	07		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	08		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
22	03	22 /23	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	04		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	06		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				

Table continued

STRAIGHT; DIRECT COUPLING

38999 Series I, II

TABLE – A, cont.

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	LENGTH	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
ACCESSORY SHELL SIZE	CLAMP SIZE			INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
22, cont.	07	22 / 23	STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	08		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	09		STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
24	04	24 / 25	STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	05		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	06		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	07		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	08		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	09		STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				
	10		STD.	1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75
			A					2.53	64.26				
			B					3.53	89.66				
			C					4.53	115.06				

90° & 45°; SPIN COUPLING

38999 Series I, II

MIL Part Number

M85049	/76	10	W	03
Series	Slash Sheet 76: 90° 77: 45°	Shell Size (Table B)	Finish (Table 2, pg. 14)	Clamp Size (Table B)

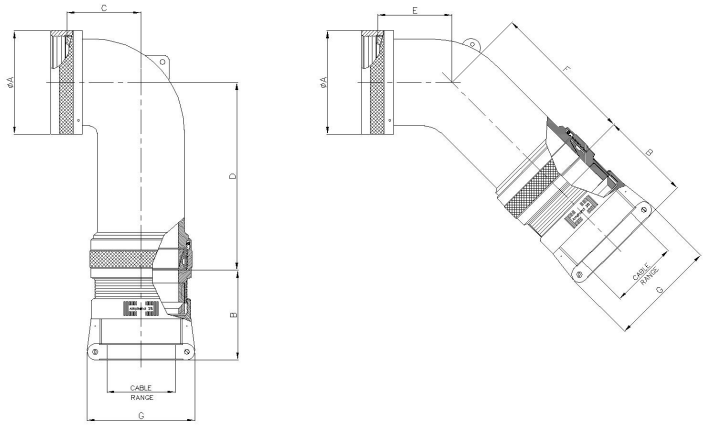


TABLE – B

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX													
ACCESSORY SHELL SIZE	CLAMP SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8 / 9	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10 / 11	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	02	12 / 13	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
14	02	14 / 15	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
16	02	16 / 17	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
18	03	18 / 19	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10

Table continued

90° & 45°; SPIN COUPLING

38999 Series I, II

TABLE – B

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
ACCESSORY SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
20	03	20 / 21	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
	08		0.88	22.23	1.00	25.40											1.65	41.91
22	03	22 /23	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
	08		0.88	22.23	1.00	25.40											1.65	41.91
	09		1.00	25.40	1.13	28.58											1.75	44.45
24	04	24 / 25	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
	08		0.88	22.23	1.00	25.40											1.65	41.91
	09		1.00	25.40	1.13	28.58											1.75	44.45
	10		1.13	28.58	1.25	31.75											1.90	48.26

STRAIGHT; SPIN COUPLING
38999 Series III, IV

MIL Part Number

M85049	/18	11	W	03	A
Series	Slash Sheet 18: Straight	Shell Size (Table A)	Finish (Table 2, pg. 14)	Clamp Size (Table A)	Length (Table A) Omit for "STD"

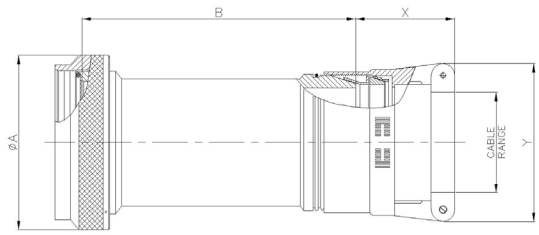


TABLE – A

MIL PART NUMBER DESIGNATOR			CONNECTOR	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX									
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH CODE	SHELL SIZE/CODE (REF.)	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
9	01	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	1.25	31.75	0.80	20.32
		A								2.53	64.26				
	02	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
11	01	STD.	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	1.25	31.75	0.80	20.32
		A								2.53	64.26				
	02	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
13	02	STD.	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
15	02	STD.	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
		B								3.53	89.66				
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
		B								3.53	89.66				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
	05	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
17	02	STD.	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.25	31.75	1.00	25.40
		A								2.53	64.26				
		B								3.53	89.66				
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
		B								3.53	89.66				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
	05	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
	06	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		A								2.53	64.26				
		B								3.53	89.66				

Table continued

STRAIGHT; SPIN COUPLING

38999 Series III, IV

TABLE – A, cont.

MIL PART NUMBER DESIGNATOR			CONNECTOR	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX									
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH CODE	SHELL SIZE/CODE (REF.)	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
19	03	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
		B								3.53	89.66				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
	05	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
	06	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		A								2.53	64.26				
		B								3.53	89.66				
	07	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		A								2.53	64.26				
		B								3.53	89.66				
21	03	STD.	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	05	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	06	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	07	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	08	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
23	03	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.25	31.75	1.10	27.94
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	04	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	05	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	06	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				

Table continued

STRAIGHT; SPIN COUPLING

38999 Series III, IV

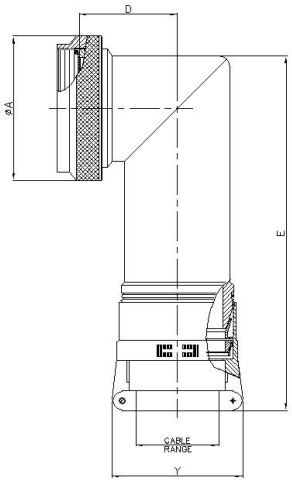
TABLE – A, cont.																
MIL PART NUMBER DESIGNATOR			CONNECTOR	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH CODE	SHELL SIZE/CODE (REF.)	MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM
				INCH	MM	INCH	MM								
23, cont.	07	STD.	23 / H	0.75	19.05	0.88	22.23	1.65	41.91	1,53	38.86	1.50	38.10	1.50	38.10
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	08	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	42.91
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	09	STD.		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
25	04	STD.	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.53	38.86	1.25	31.75	1.20	30.48
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	05	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	06	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	07	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	08	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	09	STD.		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				
	10	STD.		1.13	28.58	1.25	31.75			1.53	38.86	1.63	41.40	1.90	48.26
		A								2.53	64.26				
		B								3.53	89.66				
		C								4.53	115.06				

90° & 45°; SPIN COUPLING

38999 Series III, IV

MIL Part Number

M85049	/79	11	W	03
Series	Slash Sheet 78: 45° 79: 90°	Shell Size (Table B)	Finish (Table 2, pg. 14)	Clamp Size (Table B)



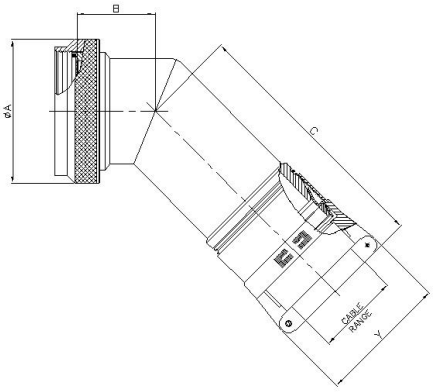


TABLE – B

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/ CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX													
CONNECTOR SHELL SIZE	CLAMP SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
9	01	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
11	01	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
13	02	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
15	02	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
17	02	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56

Table continued

90° & 45°; SPIN COUPLING

38999 Series III, IV

TABLE – B, cont.

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/ CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
CONNECTOR SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
19	03	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
21	03	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
	08		0.88	22.23	1.00	25.40											1.65	41.91
23	03	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	04		0.38	9.53	0.50	12.70											1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
	08		0.88	22.23	1.00	25.40											1.65	41.91
	09		1.00	25.40	1.13	28.58											1.75	44.45
25	04	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	05		0.50	12.70	0.63	15.88											1.25	31.75
	06		0.63	15.88	0.75	19.05											1.40	35.56
	07		0.75	19.05	0.88	22.23											1.50	38.10
	08		0.88	22.23	1.00	25.40											1.65	41.91
	09		1.00	25.40	1.13	28.58											1.75	44.45
	10		1.13	28.58	1.25	31.75											1.90	48.26

STRAIGHT; SELF-LOCK/NON SELF-LOCK

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/31	-	10	W
Series	Slash Sheet 31: Straight	Coupling S: Self Lock -: Non Self-Lock	Dash Number (Table A)	Finish (Table 2, pg. 14)

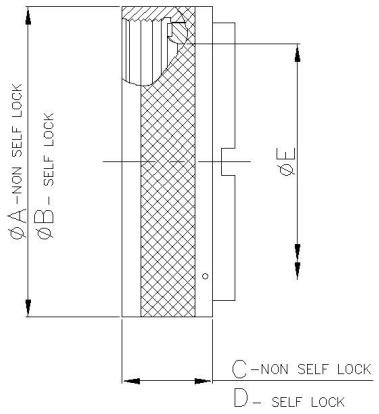


TABLE-A

MIL PART NUMBER DESIGNATOR ACCESSORY SHELL SIZE	CONNECTOR SHELL SIZE	A DIA. (MAX)		B DIA. (MAX)		C (MAX)	
		INCH	MM	INCH	MM	INCH	MM
08	8	0.69	17.48	0.66	16.69	0.54	13.72
10	10	0.80	20.40	0.77	19.66	0.54	13.72
12	7/12	0.94	23.83	0.90	22.81	0.54	13.72
14	12/14	1.06	27.00	1.02	26.01	0.54	13.72
16	19/16	1.24	31.45	1.15	29.26	0.54	13.72
18	27/18	1.31	33.27	1.24	31.57	0.54	13.72
20	37/20	1.44	36.47	1.37	34.80	0.54	13.72
22	22	1.56	39.62	1.44	36.65	0.54	13.72
24	24	1.69	42.82	1.62	41.10	0.54	13.72
28	28	2.06	52.37	1.97	50.01	0.70	17.83
32	32	2.31	58.72	2.22	56.36	0.70	17.83
36	36	2.56	65.07	2.47	62.71	0.70	17.83
40	40	2.81	71.42	2.72	69.06	0.70	17.83
44	44	3.06	77.77	2.97	75.41	0.70	17.83
48	48	3.31	84.12	3.22	81.76	0.70	17.83

STRAIGHT; SELF-LOCK/NON SELF-LOCK

38999 Series I & Series II

MIL Part Number

M85049	/27	-	10	W
Series	Slash Sheet	Coupling	Dash Number (Table A)	Finish (Table 2, pg. 14)
	27: Straight	S: Self Lock -: Non Self-Lock		

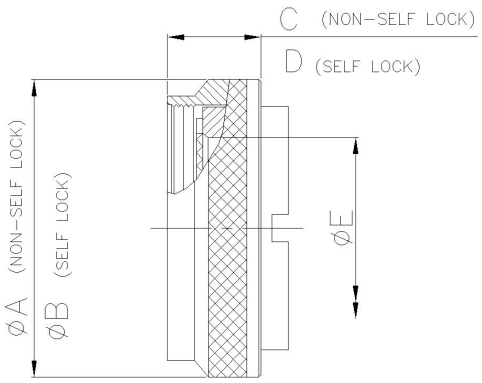


TABLE-A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SE – II / I	A DIA. (MAX)		B DIA. (MAX)		C (MAX)		D (MAX)		E DIA. (MAX)	
DASH NO.		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8 / 9	0.75	19.05	0.86	21.82	0.54	13.72	0.59	14.99	0.27	6.86
10	10 / 11	0.85	21.59	0.98	24.99	0.54	13.72	0.59	14.99	0.41	10.41
12	12 / 13	1.00	25.40	1.16	29.36	0.54	13.72	0.59	14.99	0.53	13.46
14	14 / 15	1.10	27.94	1.28	32.54	0.54	13.72	0.59	14.99	0.65	16.51
16	16 / 17	1.25	31.75	1.41	35.71	0.54	13.72	0.59	14.99	0.78	19.81
18	18 / 19	1.40	35.56	1.52	38.51	0.54	13.72	0.59	14.99	0.88	22.35
20	20 / 21	1.50	38.10	1.64	41.68	0.54	13.72	0.59	14.99	1.01	25.65
22	22 / 23	1.65	41.91	1.77	44.86	0.54	13.72	0.59	14.99	1.13	28.70
24	24 / 25	1.75	44.45	1.89	48.03	0.54	13.72	0.59	14.99	1.26	32.00

STRAIGHT; SELF-LOCK/NON SELF-LOCK

38999 Series III & Series IV

MIL Part Number

M85049	/14	-	11	W
Series	Slash Sheet 14: Straight	Coupling S: Self Lock -: Non Self-Lock	Dash Number (Table A)	Finish (Table 2, pg. 14)

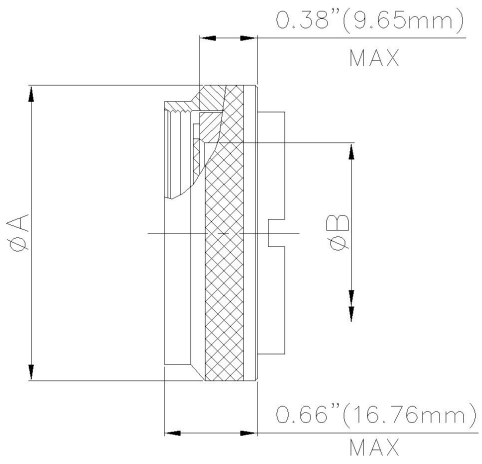


TABLE – A

MIL PART NUMBER DESIGNATOR CONNECTOR SHELL SIZE	CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA.(MAX)		B (MAX)	
		INCH	MM	INCH	MM
9	09 / A	0.86	21.79	0.26	6.71
11	11 / B	0.98	24.99	0.39	9.91
13	13 / C	1.16	29.39	0.50	12.80
15	15 / D	1.28	32.49	0.63	16.00
17	17 / E	1.41	35.71	0.76	19.20
19	19 / F	1.52	38.51	0.84	21.41
21	21 / G	1.64	41.71	0.97	24.64
23	23 / H	1.77	44.91	1.09	27.71
25	25 / J	1.87	47.98	1.22	30.91

STRAIGHT, DIRECT COUPLING

38999 Series I & Series II

MIL Part Number

M85049	/29	10	W	06	A
Series	Slash Sheet 29:Straight	Shell Size (Table A)	Finish (Table 2, pg. 14)	Clamp x Size (Table A)	Length (Table A) Omit for "STD"

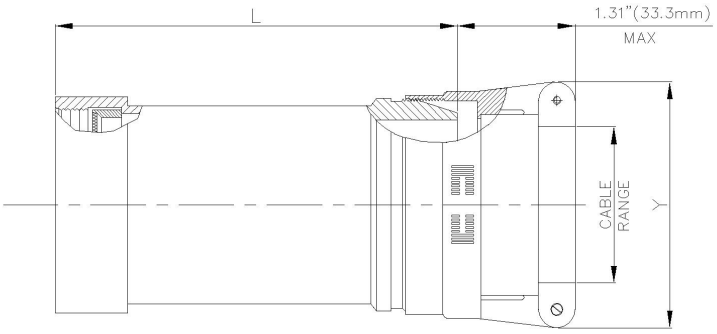


TABLE A												
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
				MIN		MAX					
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	STD.	8 / 9	0.06	1.57	0.13	3.18	1.03	26.16	0.78	19.81
		A						2.03	51.56		
	02	STD.		0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		A						2.03	51.56		
10	01	STD.	10 / 11	0.06	1.57	0.13	3.18	1.03	26.16	0.78	19.81
		A						2.03	51.56		
	02	STD.		0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		A						2.03	51.56		
	03	STD.		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		A						2.03	51.56		
12	02	STD.	12 / 13	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		A						2.03	51.56		
	03	STD.		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		A						2.03	51.56		
	04	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		A						2.03	51.56		
14	02	STD.	14 / 15	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		A						2.03	51.56		
		B						3.03	76.96		
	03	STD.		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		A						2.03	51.56		
		B						3.03	76.96		
	04	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		A						2.03	51.56		
		B						3.03	76.96		
	05	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		A						2.03	51.56		
		B						3.03	76.96		

Table continued

STRAIGHT, DIRECT COUPLING

38999 Series I & Series II

TABLE A

MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
				MIN		MAX					
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH	SE – II / I	INCH	MM	INCH	MM	INCH	MM	INCH	MM
16	02	STD.	16 / 17	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		A						2.03	51.56		
		B						3.03	76.96		
	03	STD.		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		A						2.03	51.56		
		B						3.03	76.96		
	04	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		A						2.03	51.56		
		B						3.03	76.96		
	05	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		A						2.03	51.56		
		B						3.03	76.96		
	06	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		A						2.03	51.56		
		B						3.03	76.96		
18	03	STD.	18 / 19	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		A						2.03	51.56		
		B						3.03	76.96		
	04	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		A						2.03	51.56		
		B						3.03	76.96		
	05	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		A						2.03	51.56		
		B						3.03	76.96		
	06	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		A						2.03	51.56		
		B						3.03	76.96		
	07	STD.		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		A						2.03	51.56		
		B						3.03	76.96		
20	03	STD.	20 / 21	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	04	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	05	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	06	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	07	STD.		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	08	STD.		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		

Table continued

STRAIGHT, DIRECT COUPLING

38999 Series I & Series II

TABLE A												
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
				MIN		MAX					
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM
22	03	STD.	22 /23	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	04	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	05	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	06	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	07	STD.		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	08	STD.		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	09	STD.		0.94	23.80	1.13	28.58	1.03	26.16	1.75	44.45
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
24	04	STD.	24 / 25	0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	05	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	06	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	07	STD.		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	08	STD.		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	09	STD.		0.94	23.80	1.13	28.58	1.03	26.16	1.75	44.45
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		
	10	STD.		1.06	26.97	1.25	31.75	1.03	26.16	1.88	47.75
		A						2.03	51.56		
		B						3.03	76.96		
		C						4.03	102.36		

STRAIGHT, SPIN COUPLING

38999 Series III, IV

MIL Part Number

M85049	/21	11	W	02	A
Series	Slash Sheet 21:Straight	Shell Size (Table A)	Finish (Table 2, pg. 14)	Clamp x Size (Table A)	Length (Table A) Omit for "STD"

*Example shown on pg. 5 (M85049/2111W02A)

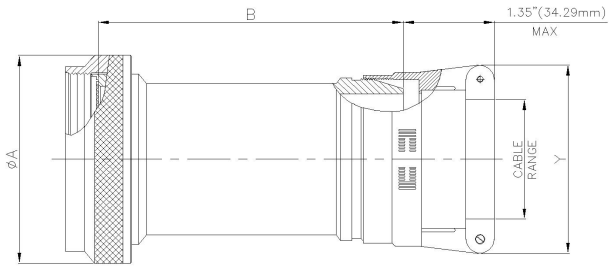


TABLE – A

MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)	
				MIN		MAX							
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
9	01	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	0.80	20.32
		A								2.53	64.26		
	02	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.00	25.40
		A								2.53	64.26		
11	01	STD.		0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	0.80	20.32
		A								2.53	64.26		
	02	STD.	11 / B	0.13	3.18	0.25	6.35			1.53	38.86	1.00	25.40
		A								2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
13	02	STD.	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.00	25.40
		A								2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
15	02	STD.	15 / D	0.13	3.18	0.25	6.35	1.10	27.94	1.53	38.86	1.00	25.40
		A								2.53	64.26		
		B								3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
17	02	STD.	17/E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.00	25.40
		A								2.53	64.26		
		B								3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		

Table continued

STRAIGHT, SPIN COUPLING

38999 Series III, IV

TABLE – A, Cont.

MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)	
				MIN		MAX							
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
17, cont.	05	STD.	17/E	0.44	11.10	0.63	15.88	1.25	31.75	1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
19	03	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
21	03	STD.	21 / G	0.25	6.35	0.38	9.53	1.50	38.10	1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
23	03	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		

Table continued

STRAIGHT, SPIN COUPLING

38999 Series III, IV

TABLE – A

MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)	
				MIN		MAX							
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
23, cont.	04	STD.	23 / H	0.31	7.92	0.50	12.70	1.65	41.91	1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
25	04	STD.	25 / J	0.31	7.92	0.50	12.70	1.75	44.45	1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	10	STD.		1.06	26.97	1.25	31.75			1.53	38.86	1.90	48.26
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		

STRAIGHT, SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/25	-102	W
Series	Slash Sheet 25 :Straight Spin Coupling	Dash Number (Table A)	Finish (Table 2, pg. 14)

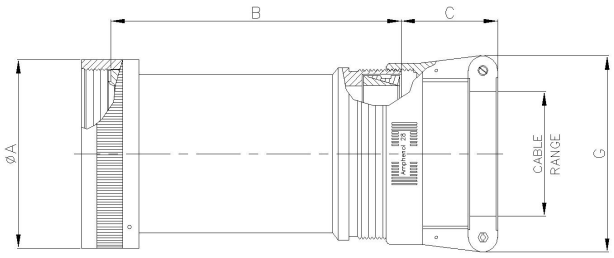


TABLE-A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF) L MAX		G (MAX) L MAX		CABLE RANGE			
											MIN WIRE		MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	05	8	0.62	15.67	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
	06		0.62	15.67	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
	07*		0.62	15.67	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	08*		0.62	15.67	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
10	09	10	0.73	18.64	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	10		0.73	18.64	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	11*		0.73	18.64	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	12*		0.73	18.64	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	136		0.73	18.64	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
	137		0.73	18.64	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
12	13	7/12	0.86	21.79	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	14		0.86	21.79	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	15*		0.86	21.79	2.88	73.15	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	16*		0.86	21.79	3.88	98.55	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	111		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
	114		0.86	21.79	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	115		0.86	21.79	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	138		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
	139		0.86	21.79	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
14	17	12/14	0.98	24.99	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
	18		0.98	24.99	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
	19*		0.98	24.99	2.88	73.15	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	20*		0.98	24.99	3.88	98.55	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	116		0.98	24.99	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	117		0.98	24.99	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	150		0.98	24.99	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	151		0.98	24.99	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
16	21	19/16	1.11	28.24	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78
	22		1.11	28.24	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78
	23*		1.11	28.24	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	24*		1.11	28.24	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	112		1.11	28.24	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	113		1.11	28.24	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	118		1.11	28.24	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	119		1.11	28.24	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	152		1.11	28.24	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	153		1.11	28.24	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92

(*)Denotes Style- 2

Table continued

STRAIGHT, SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE-A

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF) L MAX		G (MAX) L MAX		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN WIRE		MAX WIRE	
											INCH	MM	INCH	MM
18	25	27/18	1.22	30.94	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	26		1.22	30.94	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	27		1.22	30.94	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	28		1.22	30.94	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	29*		1.22	30.94	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	30*		1.22	30.94	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	120		1.22	30.94	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	121		1.22	30.94	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	122		1.22	30.94	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	123		1.22	30.94	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
20	31	37/20	1.35	34.16	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	32		1.35	34.16	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	33		1.35	34.16	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	34		1.35	34.16	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	35*		1.35	34.16	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	36*		1.35	34.16	4.88	123.95	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	37*		1.35	34.16	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	38*		1.35	34.16	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	124		1.35	34.16	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	125		1.35	34.16	4.13	104.90	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	140		1.35	34.16	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.90	22.96
	141		1.35	34.16	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.90	22.96
22	39	22	1.47	37.29	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	40		1.47	37.29	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	41		1.47	37.29	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	42		1.47	37.29	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	43		1.47	37.29	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	44		1.47	37.29	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	45*		1.47	37.29	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	46*		1.47	37.29	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	126		1.47	37.29	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	127		1.47	37.29	4.13	104.90	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	128		1.47	37.29	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	129		1.47	37.29	4.13	104.90	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	142		1.47	37.29	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.03	26.14
	143		1.47	37.29	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.03	26.14
24	47	24	1.59	40.46	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	48		1.59	40.46	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	49		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62
	50		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62
	51		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	52		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	53*		1.59	40.46	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	54*		1.59	40.46	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	130		1.59	40.46	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	131		1.59	40.46	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	144		1.59	40.46	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06
	145		1.59	40.46	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06
28	55	28	1.97	50.01	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	56		1.97	50.01	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	57		1.97	50.01	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	58		1.97	50.01	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80

(*)Denotes Style- 2

Table continued

STRAIGHT, SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE-A														
MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF) L MAX		G (MAX) L MAX		CABLE RANGE			
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN WIRE		MAX WIRE	
											INCH	MM	INCH	MM
28, cont.	59	28	1.97	50.01	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	60		1.97	50.01	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	61		1.97	50.01	3.13	79.50	1.50	38.10	23.63	600.20	1.00	25.40	1.38	34.93
	62		1.97	50.01	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
32	63	32	2.22	56.36	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	64		2.22	56.36	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	65		2.22	56.36	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	66		2.22	56.36	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	67		2.22	56.36	3.13	79.50	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	68		2.22	56.36	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	69		2.22	56.36	3.13	79.50	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	70		2.22	56.36	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
36	71	36	2.47	62.71	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	72		2.47	62.71	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	73		2.47	62.71	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	74		2.47	62.71	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	75		2.47	62.71	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	76		2.47	62.71	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	77*		2.47	62.71	5.01	127.25	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	78*		2.47	62.71	6.01	152.65	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	132		2.47	62.71	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	133		2.47	62.71	5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	146		2.47	62.71	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74
	147		2.47	62.71	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74
	148		2.47	62.71	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	149		2.47	62.71	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
40	79	40	2.72	69.06	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	80		2.72	69.06	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	81		2.72	69.06	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	82		2.72	69.06	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	83		2.72	69.06	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	84		2.72	69.06	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	85		2.72	69.06	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	86		2.72	69.06	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	134		2.72	69.06	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	135		2.72	69.06	5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	156		2.72	69.06	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	157		2.72	69.06	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
44	87	44	2.97	75.41	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	88		2.97	75.41	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	89		2.97	75.41	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	90		2.97	75.41	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	91		2.97	75.41	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	92		2.97	75.41	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	93		2.97	75.41	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	94		2.97	75.41	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	154		2.97	75.41	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	155		2.97	75.41	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
48	95	48	3.22	81.76	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	96		3.22	81.76	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	97		3.22	81.76	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	98		3.22	81.76	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	99		3.22	81.76	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	100		3.22	81.76	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	101		3.22	81.76	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	102		3.22	81.76	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63

90° & 45°; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/23	-10	W
Series	Slash Sheet 23 :45° 24: 90	Dash Number (Table B)	Finish (Table 2, pg. 14)

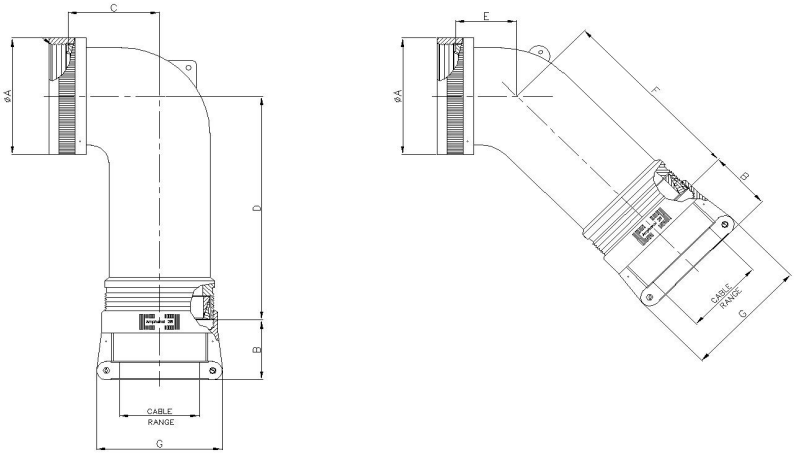


TABLE-B

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF) L MAX		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE RANGE			
																	MIN WIRE		MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	3	8	0.62	15.67	1.03	26.09	0.67	17.02	1.26	32.00	0.63	16.00	1.25	31.75	0.96	24.31	0.13	3.18	0.25	6.35
10	4	10	0.73	18.64	1.03	26.09	0.76	19.30	1.98	50.29	0.69	17.53	1.92	48.77	0.96	24.31	0.13	3.18	0.31	7.92
	49*		0.73	18.64	1.03	26.09	1.52	38.61	2.00	50.80	1.50	38.10	1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	5		0.73	18.64	1.03	26.09	0.76	19.30	1.38	35.05	0.69	17.53	1.31	33.27	1.15	29.08	0.25	6.35	0.38	9.53
12	6	7/12	0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29	0.96	24.31	0.13	3.18	0.31	7.92
	71*		0.86	21.79	1.03	26.09	1.81	45.97	2.16	54.86	1.65	41.91	2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	7		0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	8		0.86	21.79	1.03	26.09	0.77	19.56	1.40	35.56	0.75	19.05	1.98	50.29	1.33	33.83	0.35	8.89	0.50	12.70
14	9	12/14	0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58	1.15	29.08	0.25	6.35	0.44	11.10
	10		0.98	24.99	1.03	26.09	0.87	22.10	1.72	43.69	0.81	20.57	1.72	43.69	1.33	33.83	0.35	8.89	0.58	14.61
	50*		0.98	24.99	1.06	26.90	1.89	48.01	2.33	59.18	1.84	46.74	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	74		0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58	0.96	24.31	0.13	3.18	0.31	7.92
16	11	19/16	1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	1.15	29.08	0.25	6.35	0.44	11.10
	12		1.11	28.24	1.06	26.90	1.05	26.67	1.81	45.97	0.91	23.11	1.82	46.23	1.55	39.40	0.50	12.70	0.70	17.78
	40		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	51*		1.11	28.24	1.16	29.36	2.04	51.82	2.44	61.98	1.94	49.28	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	75		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	0.96	24.31	0.13	3.18	0.31	7.92

(*)Denotes Style- 2

Table continued

90° & 45°; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE-B

MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF) L MAX		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE RANGE			
																	MIN WIRE		MAX WIRE	
SHELL SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	13	27/18	1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	14		1.22	30.94	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80	1.77	44.96	0.63	15.88	0.78	19.79
	41		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	0.96	24.31	0.13	3.18	0.31	7.92
	42		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	52		1.22	30.94	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	72*		1.22	30.94	1.16	29.36	2.05	52.07	2.44	61.98	1.94	49.28	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
20	15	37/20	1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	16		1.35	34.16	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
	43		1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	54		1.35	34.16	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	55		1.35	34.16	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
22	17	22	1.47	37.29	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	18		1.47	37.29	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86	2.11	53.67	0.88	22.23	1.03	26.14
	44		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	0.96	24.31	0.13	3.18	0.31	7.92
	45		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.15	29.08	0.25	6.35	0.44	11.10
	56		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	57		1.47	37.29	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	58*		1.47	37.29	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
24	19	24	1.59	40.46	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	20		1.59	40.46	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86	2.11	53.67	0.88	22.23	1.14	29.06
	46		1.59	40.46	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	59		1.59	40.46	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	73*		1.59	40.46	1.38	34.93	2.15	54.61	2.61	66.29	2.06	52.32	2.57	65.28	2.12	53.75	0.88	22.23	1.25	31.75
28	21	28	1.97	50.01	1.16	29.36	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	1.77	44.96	0.63	15.88	0.94	23.80
	22		1.97	50.01	1.50	38.10	1.39	35.31	2.26	57.40	1.31	33.27	2.22	56.39	2.36	60.02	1.00	25.40	1.38	34.93
	60		1.97	50.01	1.06	26.90	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	1.55	39.40	0.50	12.70	0.75	19.05
	61		1.97	50.01	1.38	34.93	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
32	23	32	2.22	56.36	1.16	29.36	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	1.77	44.96	0.63	15.88	0.94	23.80
	24		2.22	56.36	1.38	34.93	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	2.11	53.67	0.88	22.23	1.25	31.75
	25		2.22	56.36	1.78	45.24	1.74	44.20	2.51	63.75	1.38	35.05	2.32	58.93	2.77	70.36	1.25	31.75	1.63	41.28
	62		2.22	56.36	1.50	38.10	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	2.36	60.02	1.00	25.40	1.38	34.93
36	26	36	2.47	62.71	1.16	29.36	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	27		2.47	62.71	1.50	38.10	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	28		2.47	62.71	1.83	46.48	1.94	49.28	2.48	62.99	1.41	35.81	2.41	61.21	3.02	76.71	1.44	36.50	1.84	46.74
	47		2.47	62.71	1.06	26.90	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	63		2.47	62.71	1.38	34.93	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	64		2.47	62.71	1.78	45.24	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
40	29	40	2.72	69.06	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	30		2.72	69.06	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	31		2.72	69.06	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	48		2.72	69.06	1.06	26.90	1.94	49.28	2.83	71.88	2.16	54.86	2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	65		2.72	69.06	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	66		2.72	69.06	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
44	32	44	2.97	75.41	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	33		2.97	75.41	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	34		2.97	75.41	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	67		2.97	75.41	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	68		2.97	75.41	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
48	35	48	3.22	81.76	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	36		3.22	81.76	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	37		3.22	81.76	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	69		3.22	81.76	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	70		3.22	81.76	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28

STRAIGHT; DIRECT COUPLING

38999 Series I & Series II

MIL Part Number

M85049	/36	10	W	03	A
Series	Slash Sheet 36 : Straight, Direct Coupling	Shell Size (Table A)	Finish (Table 2, pg. 14)	Clamp Size (Table A)	Length (Table A) Omit for "STD"

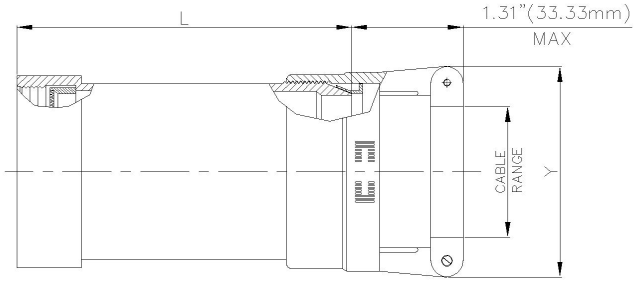


TABLE-A

MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
				MIN		MAX					
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH CODE		INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	STD.	8 / 9	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		A						2.53	64.26		
	02	STD.		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		A						2.53	64.26		
10	01	STD.	10 / 11	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		A						2.53	64.26		
	02	STD.		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		A						2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
12	02	STD.	12 / 13	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		A						2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
14	02	STD.	14 / 15	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		A						2.53	64.26		
		B						3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
		B						3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
16	02	STD.	16 / 17	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		A						2.53	64.26		
		B						3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
		B						3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
	06	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		A						2.53	64.26		
		B						3.53	89.66		

Table continued

STRAIGHT; DIRECT COUPLING

38999 Series I & Series II

TABLE-A											
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
				MIN		MAX					
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH CODE		INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	03	STD.	18 / 19	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
		B						3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
	06	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		A						2.53	64.26		
		B						3.53	89.66		
	07	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		A						2.53	64.26		
		B						3.53	89.66		
20	03	STD.	20 / 21	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		

Table continued

STRAIGHT; DIRECT COUPLING

38999 Series I & Series II

TABLE-A, cont.

MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
				MIN		MAX					
ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH CODE		INCH	MM	INCH	MM	INCH	MM	INCH	MM
22	03	STD.	22 /23	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	04	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
24	04	STD.	24 / 25	0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		
	10	STD.		1.06	26.97	1.25	31.75	1.53	38.86	1.88	47.75
		A						2.53	64.26		
		B						3.53	89.66		
		C						4.53	115.06		

STRAIGHT; SPIN COUPLING

38999 Series III, IV

MIL Part Number

M85049	/19	11	W	03	A
Series	Slash Sheet 19: Straight	Shell Size (Table A)	Finish (Table 2, pg. 14)	Clamp Size (Table A)	Length (Table A) Omit for "STD"

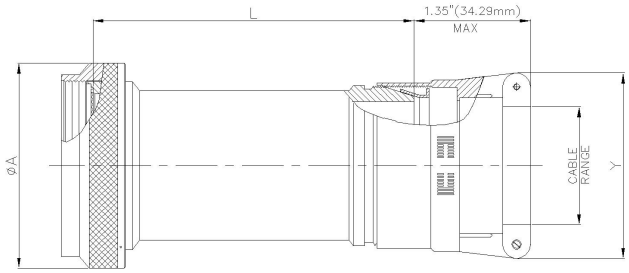


TABLE-A

MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/ CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)	
				MIN		MAX							
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
9	01	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	0.80	20.32
		A								2.53	64.26		
	02	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.00	25.40
		A								2.53	64.26		
11	01	STD.	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	0.80	20.32
		A								2.53	64.26		
	02	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.00	25.40
		A								2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
13	02	STD.	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.00	25.40
		A								2.53	64.26		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
15	02	STD.	15 / D	0.13	3.18	0.25	6.35	1.10	27.94	1.53	38.86	1.00	25.40
		A								2.53	64.26		
		B								3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		

Table continued

STRAIGHT; SPIN COUPLING

38999 Series III, IV

TABLE-A, cont.

MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)	
				MIN		MAX							
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
17	02	STD.	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.00	25.40
		A								2.53	64.26		
		B								3.53	89.66		
	03	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
19	03	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
21	03	STD.	21 / G	0.25	6.35	0.38	9.53	1.50	38.10	1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		

Table continued

STRAIGHT; SPIN COUPLING

38999 Series III, IV

TABLE-A, cont.

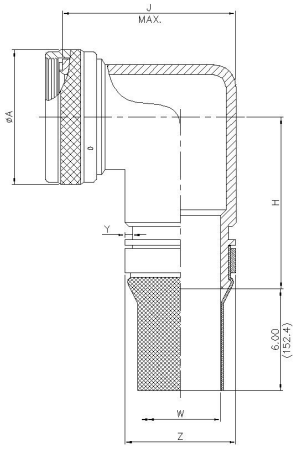
MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)	
				MIN		MAX							
CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
23	03	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.10	27.94
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	04	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
25	04	STD.	25 / J	0.31	7.92	0.50	12.70	1.75	44.45	1.53	38.86	1.20	30.48
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	05	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	06	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	07	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	08	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	09	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		
	10	STD.		1.06	26.97	1.25	31.75			1.53	38.86	1.90	48.26
		A								2.53	64.26		
		B								3.53	89.66		
		C								4.53	115.06		

STRAIGHT; 90°; SPIN COUPLING; SELF-LOCK W/ SHIELD

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/109	S	10	T	W	03	-6	
Series	Slash Sheet	Coupling	Shell Size (Table A)	Shield Finish	Finish (Table 2, pg. 14)	Entry Size (Table A & B)	Shield Length	D
	109: Straight 111: 90°	-:Spin Coupling S:Self-Lock		(Material: Copper) K: Nickel T: Tin			6 inches min. 18 inches max. 1 inch increments 6: 6 inch, 7: 7 inch etc.	D: Drain Hole



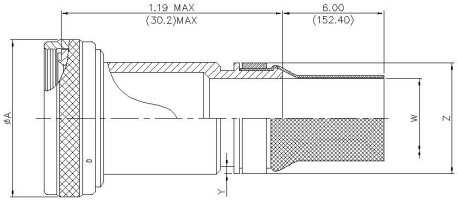


TABLE – A

PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA.(MAX)		H (MAX)		J (MAX)	
SHELL SIZE- MIL	ALLOWABLE ENTRY SIZE			INCH	MM	INCH	MM	INCH	MM
	MIN	MAX							
08	-	01	8	0.885	22.48	1.73	43.94	1.12	28.45
10	01	03	10	1.010	25.65	1.85	46.99	1.25	31.75
12	01	05	7/12	1.135	28.83	1.87	47.50	1.38	35.05
14	02	06	12/14	1.260	32.00	1.94	49.28	1.44	36.58
16	04	08	19/16	1.385	35.18	2.03	51.56	1.56	39.62
18	05	09	27/18	1.510	38.35	2.20	55.88	1.75	44.45
20	07	11	37/20	1.635	41.53	2.20	55.88	1.75	44.45
22	09	13	22	1.760	44.70	2.31	58.67	2.00	50.80
24	11	14	24	1.885	47.88	2.31	58.67	2.00	50.80
28	14	16	28	2.135	54.23	2.48	62.99	2.25	57.15
32	16	17	32	2.395	60.83	2.73	69.34	2.75	69.85
36	17	19	36	2.635	66.93	2.73	69.34	3.125	79.38
40	19	21	40	2.885	73.28	2.88	73.15	4.125	104.78
44	21	23	44	3.135	79.63	3.00	76.20	4.125	104.78
48	23	25	48	3.385	85.98	3.12	79.25	4.125	104.78

TABLE – B

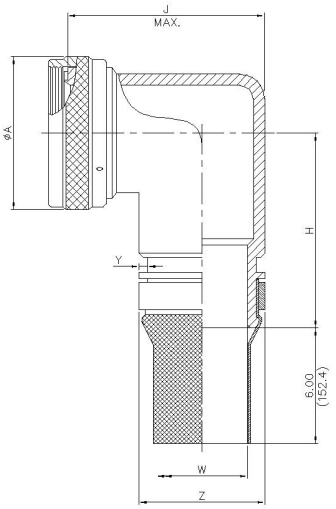
ENTRY SIZE	W ±0.020	W ±0.508	Y +0.008 -0.000	Y +0.200 -0.000	Z MAX	Z MAX
	INCH	MM	INCH	MM	INCH	MM
01	0.250	6.350	0.044	1.12	0.56	14.22
02	0.312	7.920	0.044	1.12	0.63	16.00
03	0.375	9.530	0.044	1.12	0.69	17.53
04	0.438	11.130	0.044	1.12	0.75	19.05
05	0.500	12.700	0.044	1.12	0.82	20.83
06	0.562	14.270	0.044	1.12	0.89	22.61
07	0.625	15.880	0.044	1.12	0.95	24.13
08	0.688	17.480	0.044	1.12	1.02	25.91
09	0.750	19.050	0.069	1.75	1.07	27.18
10	0.812	20.620	0.069	1.75	1.13	28.70
11	0.875	22.230	0.069	1.75	1.19	30.23
12	0.938	23.830	0.069	1.75	1.26	32.00
13	1.000	25.400	0.069	1.75	1.32	33.53
14	1.125	28.575	0.069	1.75	1.47	37.34
15	1.250	31.750	0.069	1.75	1.60	40.64
16	1.375	34.930	0.069	1.75	1.71	43.43
17	1.500	38.100	0.086	2.18	1.84	46.74
18	1.625	41.280	0.086	2.18	2.00	50.80
19	1.750	44.450	0.086	2.18	2.12	53.85
20	1.875	47.630	0.086	2.18	2.27	57.66
21	2.000	50.800	0.086	2.18	2.44	61.98
22	2.125	53.980	0.086	2.18	2.60	66.04
23	2.250	57.150	0.086	2.18	2.75	69.85
24	2.375	60.325	0.086	2.18	2.90	73.66
25	2.500	63.500	0.086	2.18	3.06	77.72

STRAIGHT; 90°; SPIN COUPLING; SELF-LOCK W/ SHIELD

38999 Series I & Series II

MIL Part Number

M85049	/112	S	10	T	W	03	-6	
Series	Slash Sheet	Coupling	Shell Size (Table A)	Shield Finish	Finish (Table 2, pg. 14)	Entry Size (Table A & B)	Shield Length	D
	112: Straight 114: 90°	-:Spin Coupling S:Self-Lock		(Material: Copper) K: Nickel T: Tin			6 inches min. 18 inches max. 1 inch increments 6: 6 inch, 7: 7 inch etc.	D: Drain Hole



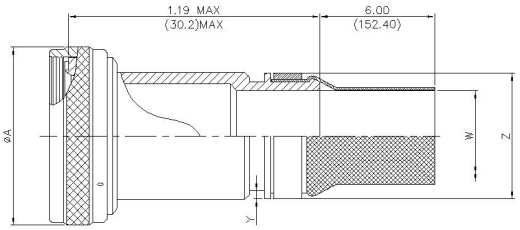


TABLE – A

MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	A DIA.(MAX)		H (MAX)		J (MAX)	
ACCESSORY SHELL SIZE	ALLOWABLE ENTRY SIZE			INCH	MM	INCH	MM	INCH	MM
	MIN	MAX							
08	-	01	8/9	0.860	21.84	1.73	43.94	1.07	27.18
10	01	03	10/11	0.980	24.89	1.85	46.99	1.19	30.23
12	01	05	12/13	1.160	29.46	1.87	47.50	1.32	33.53
14	03	07	14/15	1.280	32.51	1.94	49.28	1.44	36.58
16	05	09	16/17	1.410	35.81	2.03	51.56	1.57	39.88
18	06	10	18/19	1.520	38.61	2.20	55.88	1.75	44.45
20	08	12	20/21	1.640	41.66	2.20	55.88	1.75	44.45
22	09	13	22/23	1.770	44.96	2.31	58.67	2.00	50.80
24	10	14	24/25	1.890	48.01	2.31	58.67	2.00	50.80

TABLE – B

ENTRY SIZE	W ±0.020	W ±0.508	Y +0.008 -0.000	Y +0.200 -0.000	Z MAX	Z MAX
	INCH	MM	INCH	MM	INCH	MM
01	0.250	6.350	0.044	1.12	0.56	14.22
02	0.312	7.920	0.044	1.12	0.63	16.00
03	0.375	9.530	0.044	1.12	0.69	17.53
04	0.438	11.130	0.044	1.12	0.75	19.05
05	0.500	12.700	0.044	1.12	0.82	20.83
06	0.562	14.270	0.044	1.12	0.89	22.61
07	0.625	15.880	0.044	1.12	0.95	24.13
08	0.688	17.480	0.044	1.12	1.02	25.91
09	0.750	19.050	0.069	1.75	1.07	27.18
10	0.812	20.620	0.069	1.75	1.13	28.70
11	0.875	22.230	0.069	1.75	1.19	30.23
12	0.938	23.830	0.069	1.75	1.26	32.00
13	1.000	25.400	0.069	1.75	1.32	33.53
14	1.125	28.575	0.069	1.75	1.47	37.34

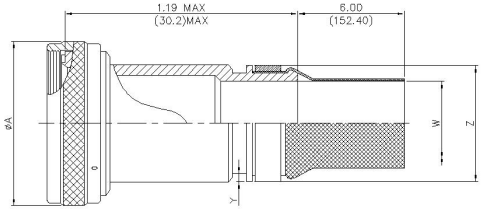
PRE-SHIELD ADAPTER

STRAIGHT; 90°; SPIN COUPLING; SELF-LOCK W/ SHIELD

38999 Series III & Series IV

MIL Part Number

M85049	/115	-	11	T	W	03	-6	
Series	Slash Sheet 115: Straight 117: 90°	Coupling -:Spin Coupling S:Self-Lock	Shell Size (Table A)	Shield Finish (Material: Copper) K: Nickel T: Tin	Finish (Table 2, pg. 14)	Entry Size (Table A & B)	Shield Length 6 inches min. 18 inches max. 1 inch increments 6: 6 inch, 7: 7 inch etc.	D D: Drain Hole



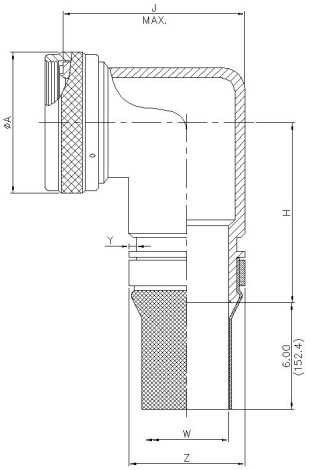


TABLE – A

PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA.(MAX)		H (MAX)		J (MAX)	
SHELL SIZE- MIL	ALLOWABLE ENTRY SIZE			INCH	MM	INCH	MM	INCH	MM
	MIN	MAX							
09	-	01	9 / A	0.860	21.84	1.73	43.94	0.88	22.35
11	01	03	11 / B	0.980	24.89	1.85	46.99	1.00	25.40
13	01	05	13 / C	1.160	29.46	1.87	47.50	1.13	28.70
15	03	07	15 / D	1.280	32.51	1.94	49.28	1.31	33.27
17	05	09	17 / E	1.410	35.81	2.03	51.56	1.50	38.10
19	06	10	19 / F	1.520	38.61	2.20	55.88	1.75	44.45
21	08	12	21 / G	1.640	41.66	2.20	55.88	1.75	44.45
23	09	13	23 / H	1.770	44.96	2.31	58.67	2.00	50.80
25	10	14	25 / J	1.890	48.01	2.31	58.67	2.00	50.80

TABLE – B

ENTRY SIZE	W ±0.020	W ±0.508	Y +0.008 -0.000	Y +0.200 -0.000	Z MAX	Z MAX
	INCH	MM	INCH	MM	INCH	MM
01	0.250	6.350	0.044	1.12	0.56	14.22
02	0.312	7.920	0.044	1.12	0.63	16.00
03	0.375	9.530	0.044	1.12	0.69	17.53
04	0.438	11.130	0.044	1.12	0.75	19.05
05	0.500	12.700	0.044	1.12	0.82	20.83
06	0.562	14.270	0.044	1.12	0.89	22.61
07	0.625	15.880	0.044	1.12	0.95	24.13
08	0.688	17.480	0.044	1.12	1.02	25.91
09	0.750	19.050	0.069	1.75	1.07	27.18
10	0.812	20.620	0.069	1.75	1.13	28.70
11	0.875	22.230	0.069	1.75	1.19	30.23
12	0.938	23.830	0.069	1.75	1.26	32.00
13	1.000	25.400	0.069	1.75	1.32	33.53
14	1.125	28.575	0.069	1.75	1.47	37.34

STRAIGHT; 90° & 45°; SELF-LOCK/NON SELF-LOCK

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/53	-	10	W
Series	Slash Sheet	Coupling	Dash Number (Table A)	Finish (Table 2, pg. 14)
	53: Straight 54: 45° 55: 90°	-:Spin Coupling S:Self-Lock G: Non Self Lock w/grounding Lug (90° Only) T: Self-Lock with grounding lug (only for 90°)		

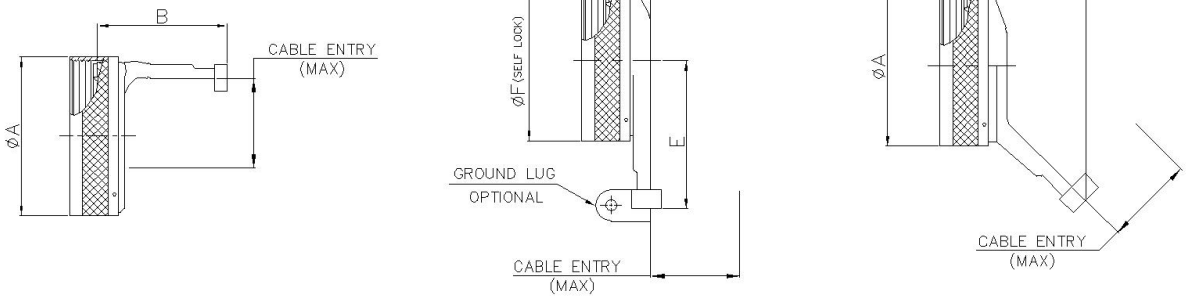


TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA.(MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		F DIA.(MAX)		WIRING ENTRY MAX	
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	8	0.66	16.69	0.95	24.23	1.23	31.29	0.73	18.54	1.22	30.99	0.89	22.48	0.26	6.60
10	10	0.78	19.86	0.95	24.23	1.23	31.29	0.73	18.54	1.29	32.77	1.01	25.65	0.37	9.27
12	07/12/12	0.94	23.80	0.95	24.23	1.23	31.29	0.73	18.54	1.62	41.15	1.14	28.83	0.50	12.73
14	12/14/12	1.05	26.67	1.20	30.58	1.23	31.29	0.73	18.54	1.66	42.16	1.26	32.00	0.58	14.61
16	19/16	1.24	31.47	1.20	30.58	1.23	31.29	0.73	18.54	1.72	43.69	1.39	35.18	0.70	17.78
18	27/18	1.38	35.00	1.20	30.58	1.23	31.29	0.73	18.54	1.72	43.69	1.51	38.35	0.78	19.79
20	37/20	1.50	38.10	1.31	33.27	1.48	37.64	0.75	19.05	1.79	45.47	1.64	41.53	0.90	22.96
22	22	1.63	41.43	1.43	36.32	1.48	37.64	0.75	19.05	1.85	46.99	1.76	44.70	1.03	26.14
24	24	1.75	44.45	1.56	39.62	1.48	37.64	0.75	19.05	1.91	48.51	1.89	47.88	1.14	29.06
28	28	1.97	50.04	1.56	39.62	1.47	37.31	0.75	19.05	2.06	52.32	2.14	54.23	1.38	35.03

STRAIGHT; 90° & 45°; SELF-LOCK/NON SELF-LOCK

38999 Series I & Series II

MIL Part Number

M85049	/56	-	10	W
Series	Slash Sheet	Coupling	Dash Number (Table A)	Finish (Table 2, pg. 14)
	56: Straight 57: 45° 63: 90°	-:Spin Coupling S:Self-Lock G: Non Self Lock w/grounding Lug (/57 and /63 Only)		

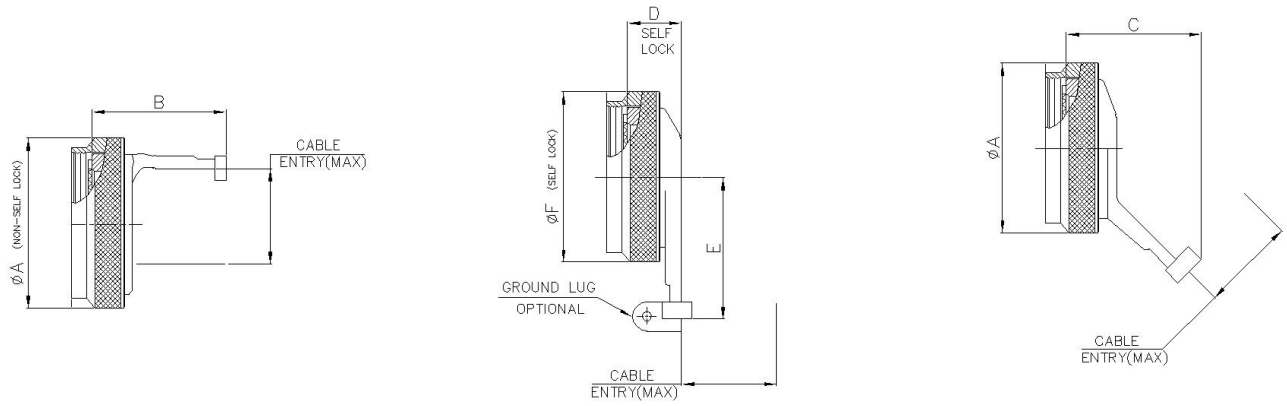


TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SE – II / I	A DIA.(MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		F DIA.(MAX)		CABLE ENTRY MAX	
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	8 / 9	0.66	16.69	0.95	24.23	1.23	31.29	0.73	18.54	1.22	30.99	0.89	22.48	0.26	6.60
10	10 / 11	0.78	19.86	0.95	24.23	1.23	31.29	0.73	18.54	1.29	32.77	1.01	25.65	0.37	9.27
12	12 / 13	0.94	23.80	0.95	24.23	1.23	31.29	0.73	18.54	1.62	41.15	1.14	28.83	0.50	12.73
14	14 / 15	1.05	26.67	1.20	30.58	1.23	31.29	0.73	18.54	1.66	42.16	1.26	32.00	0.58	14.61
16	16 / 17	1.24	31.47	1.20	30.58	1.23	31.29	0.73	18.54	1.72	43.69	1.39	35.18	0.70	17.78
18	18 / 19	1.38	35.00	1.20	30.58	1.23	31.29	0.73	18.54	1.72	43.69	1.51	38.35	0.78	19.79
20	20 / 21	1.50	38.10	1.31	33.27	1.48	37.64	0.75	19.05	1.79	45.47	1.64	41.53	0.90	22.96
22	22 / 23	1.63	41.43	1.43	36.32	1.48	37.64	0.75	19.05	1.85	46.99	1.76	44.70	1.03	26.14
24	24 / 25	1.75	44.45	1.56	39.62	1.48	37.64	0.75	19.05	1.91	48.51	1.89	47.88	1.14	29.06

90° & 45°; SELF-LOCK/NON SELF-LOCK

38999 Series III & Series IV

MIL Part Number

M85049	/16	-	11	W
Series	Slash Sheet 15: 45° 16: 90°	Coupling -:Spin Coupling S:Self-Lock G: Non Self Lock w/grounding Lug (/57 and /63 Only)	Dash Number (Table A)	Finish (Table 2, pg. 14)

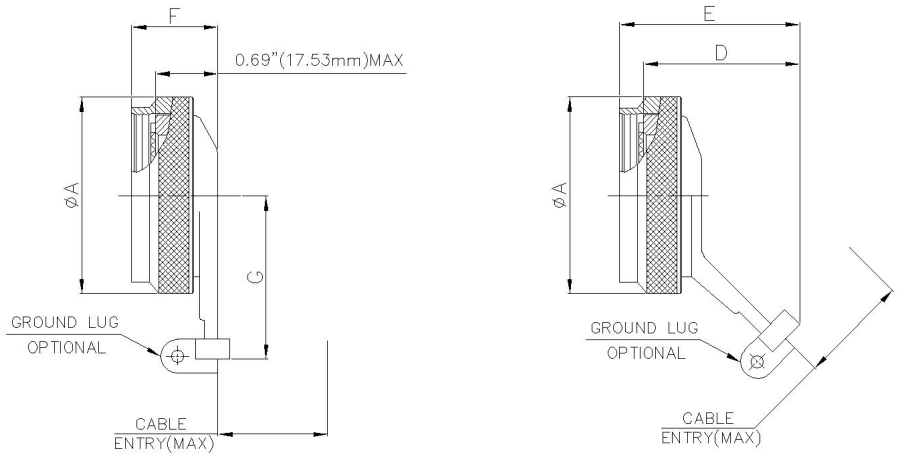


TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA.(MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE ENTRY MAX	
CONNECTOR SHELL SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
9	9 / A	0.86	21.79	1.03	26.16	1.43	36.32	0.99	25.15	1.22	30.99	0.26	6.71
11	11 / B	0.98	24.99	1.03	26.16	1.43	36.32	0.99	25.15	1.29	32.77	0.39	9.96
13	13 / C	1.16	29.39	1.03	26.16	1.43	36.32	0.99	25.15	1.62	41.15	0.51	12.85
15	15 / D	1.28	32.49	1.09	27.69	1.93	49.02	0.99	25.15	1.66	42.16	0.63	16.03
17	17 / E	1.41	35.71	1.11	28.19	1.93	49.02	0.99	25.15	1.72	43.69	0.76	19.20
19	19 / F	1.52	38.51	1.21	30.73	2.03	51.56	0.99	25.15	1.72	43.69	0.85	21.46
21	21 / G	1.64	41.71	1.26	32.00	2.09	53.09	0.99	25.15	1.79	45.47	0.97	24.64
23	23 / H	1.77	44.91	1.30	33.02	2.09	53.09	0.99	25.15	1.85	46.99	1.10	27.81
25	25 / J	1.89	47.98	1.34	34.04	2.24	56.90	0.99	25.15	1.91	48.51	1.22	30.99

STRAIGHT; SPIN COUPLING

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/60-1	W	10
Series	Slash Sheet 60-1: Straight	Finish (Table 2, pg. 14)	Dash Number (Table A)

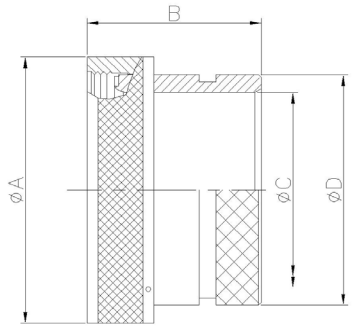


TABLE-A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C DIA. (MIN)		D DIA. (MAX)	
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	8	0.62	15.67	1.19	30.15	0.25	6.35	0.53	13.54
10	10	0.73	18.64	1.19	30.15	0.36	9.02	0.61	15.37
12	7/12	0.86	21.79	1.19	30.15	0.49	12.47	0.77	19.66
14	12/14	0.98	24.99	1.19	30.15	0.57	14.35	0.84	21.29
16	19/16	1.11	28.24	1.19	30.15	0.69	17.53	0.96	24.46
18	27/18	1.22	30.94	1.19	30.15	0.77	19.53	1.04	26.47
20	37/20	1.35	34.16	1.19	30.15	0.89	22.71	1.22	30.91
22	22	1.47	37.29	1.19	30.15	1.02	25.88	1.36	34.42
24	24	1.59	40.46	1.19	30.15	1.13	28.80	1.44	36.65
28	28	1.97	50.01	1.51	38.38	1.37	34.77	1.71	43.41
32	32	2.22	56.36	1.51	38.38	1.62	41.02	1.92	48.74
36	36	2.47	62.71	1.51	38.38	1.83	46.48	2.17	55.09
40	40	2.72	69.06	1.51	38.38	2.05	51.94	2.40	61.01
44	44	2.97	75.41	1.51	38.38	2.30	58.42	2.66	67.49
48	48	3.22	81.76	1.51	38.38	2.55	64.77	2.91	73.84

SHRINK BOOT ADAPTER

STRAIGHT; SPIN COUPLING

38999 Series I & Series II

MIL Part Number

M85049	/62	10	W	D
Series	Slash Sheet 62: Straight	Dash Number (Table A)	Finish (Table 2, pg. 14)	D: Drain Hole

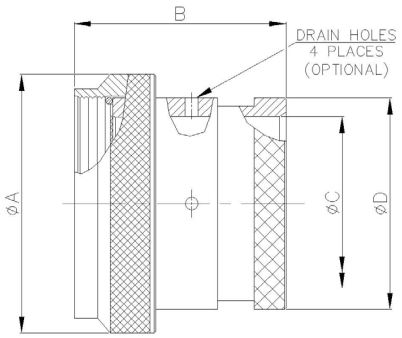


TABLE-A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C DIA. (MIN)		D DIA. (MAX)	
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	8	0.62	15.67	1.19	30.15	0.25	6.35	0.53	13.54
10	10	0.73	18.64	1.19	30.15	0.36	9.02	0.61	15.37
12	7/12	0.86	21.79	1.19	30.15	0.49	12.47	0.77	19.66
14	12/14	0.98	24.99	1.19	30.15	0.57	14.35	0.84	21.29
16	19/16	1.11	28.24	1.19	30.15	0.69	17.53	0.96	24.46
18	27/18	1.22	30.94	1.19	30.15	0.77	19.53	1.04	26.47
20	37/20	1.35	34.16	1.19	30.15	0.89	22.71	1.22	30.91
22	22	1.47	37.29	1.19	30.15	1.02	25.88	1.36	34.42
24	24	1.59	40.46	1.19	30.15	1.13	28.80	1.44	36.65
28	28	1.97	50.01	1.51	38.38	1.37	34.77	1.71	43.41
32	32	2.22	56.36	1.51	38.38	1.62	41.02	1.92	48.74
36	36	2.47	62.71	1.51	38.38	1.83	46.48	2.17	55.09
40	40	2.72	69.06	1.51	38.38	2.05	51.94	2.40	61.01
44	44	2.97	75.41	1.51	38.38	2.30	58.42	2.66	67.49
48	48	3.22	81.76	1.51	38.38	2.55	64.77	2.91	73.84

SHRINK BOOT ADAPTER

STRAIGHT; SPIN COUPLING

38999 Series III, IV

MIL Part Number

M85049	/69	11	W	D
Series	Slash Sheet 69: Straight	Shell Size (Table A)	Finish (Table 2, pg. 14)	D: Drain Hole

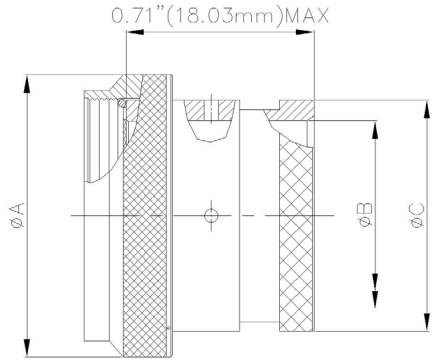


TABLE-A

MIL PART NUMBER DESIGNATOR CONNECTOR SHELL SIZE	CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA. (MAX)		B DIA. (MIN)		C DIA. (MAX)	
		INCH	MM	INCH	MM	INCH	MM
9	09 / A	0.75	19.05	0.25	6.35	0.53	13.54
11	11 / B	0.85	21.59	0.38	9.53	0.61	15.37
13	13 / C	1.00	25.40	0.50	12.70	0.77	19.66
15	15 / D	1.15	29.21	0.63	15.88	0.84	21.29
17	17 / E	1.25	31.75	0.75	19.05	0.94	23.77
19	19 / F	1.40	35.56	0.81	20.62	1.04	26.47
21	21 / G	1.55	39.37	0.94	23.80	1.22	30.91
23	23 / H	1.65	41.91	1.06	26.97	1.36	34.42
25	25 / J	1.85	46.99	1.19	30.18	1.44	36.65

STRAIGHT; 90° & 45°; SELF-LOCK/NON SELF-LOCK

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/52	-	10	W
Series	Slash Sheet 43: 45° 51: 90° 52: Straight	Coupling S: Self Lock (/51 and /52 Only) -: Non Self Lock (/43 Only) -1: Non Self-Lock (/51 and /52 Only)	Dash Number (Table A)	Finish (Table 2, pg. 14)

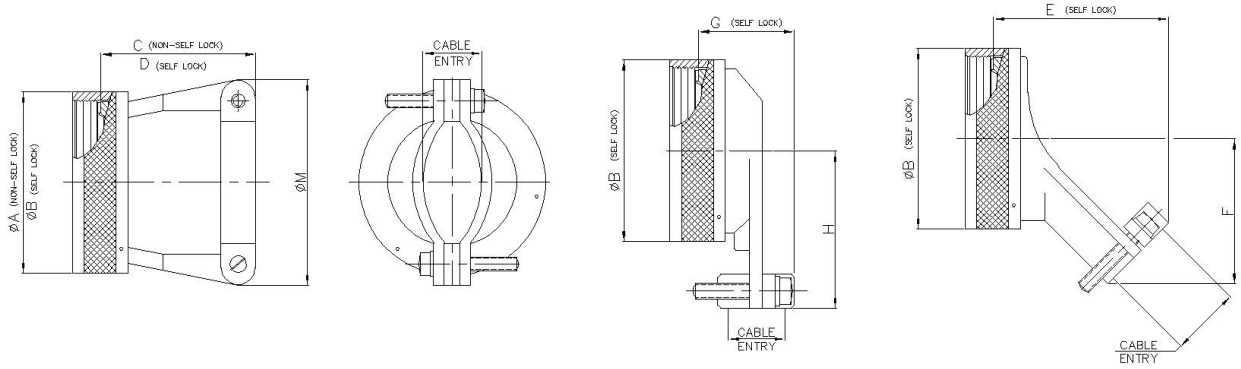


TABLE – A													
MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA.(MAX)		B DIA.(MAX)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
8	8	0.62	15.67	0.89	22.48	0.63	16.00	0.73	18.54	1.32	33.53	0.77	19.61
10	10	0.73	18.64	1.01	25.65	0.74	18.80	0.85	21.59	1.36	34.65	0.80	20.40
12	7/12	0.86	21.79	1.14	28.83	0.86	21.84	0.98	24.89	1.44	36.53	0.87	22.00
14	12/14	0.98	24.99	1.26	32.00	0.86	21.84	0.98	24.89	1.48	37.59	0.93	23.57
16	19/16	1.11	28.24	1.39	35.18	0.99	25.15	1.10	27.94	1.59	40.28	0.99	25.17
18	27/18	1.22	30.94	1.51	38.35	1.24	31.50	1.35	34.29	1.70	43.28	1.11	28.19
20	37/20	1.35	34.16	1.64	41.53	1.36	34.54	1.48	37.59	1.75	44.40	1.17	29.77
22	22	1.47	37.29	1.76	44.70	1.49	37.85	1.60	40.64	1.79	45.52	1.24	31.37
24	24	1.59	40.46	1.89	47.88	1.61	40.89	1.73	43.94	1.84	46.63	1.30	32.94
28	28	1.97	50.01	2.14	54.23	1.76	44.70	1.88	47.75	1.96	49.81	1.54	39.19
32	32	2.22	56.36	2.40	60.83	1.95	49.53	2.13	54.10	2.05	52.04	1.67	42.37
36	36	2.47	62.71	2.64	66.93	2.33	59.18	2.44	61.98	2.09	53.16	1.79	45.54
40	40	2.72	69.06	2.89	73.28	2.51	63.75	2.63	66.80	2.09	53.19	1.92	48.72
44	44	2.97	75.41	3.14	79.63	2.89	73.41	3.00	76.20	2.36	59.94	2.13	54.15
48	48	3.22	81.76	3.39	85.98	3.26	82.80	3.40	86.36	2.45	62.18	2.26	57.33

STRAIGHT; 90° & 45°; SELF-LOCK/NON SELF-LOCK

26482 Series II; 5015 (MS345X); 83723 Series III

TABLE – A											
MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	G (MAX)		H (MAX)		M (MAX)		CABLE ENTRY			
								MIN		MAX	
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8	0.93	23.62	0.75	18.95	0.78	19.86	0.13	3.18	0.20	5.18
10	10	1.02	25.91	0.81	20.45	0.86	21.89	0.19	4.75	0.29	7.26
12	7/12	1.21	30.73	0.87	22.02	1.00	25.48	0.29	7.39	0.42	10.57
14	12/14	1.27	32.26	0.93	23.62	1.06	26.95	0.35	8.92	0.48	12.09
16	19/16	1.42	36.07	0.99	25.25	1.33	33.88	0.50	12.73	0.63	15.90
18	27/18	1.53	38.86	1.17	29.74	1.47	37.24	0.52	13.16	0.71	17.93
20	37/20	1.65	41.91	1.23	31.34	1.57	39.93	0.58	14.76	0.83	21.11
22	22	1.78	45.21	1.30	32.92	1.69	42.88	0.64	16.36	0.96	24.28
24	24	1.90	48.26	1.36	34.49	1.79	45.47	0.71	17.93	1.08	27.46
28	28	2.20	55.88	1.57	39.93	2.04	51.69	0.75	19.05	1.19	30.15
32	32	2.27	57.66	1.80	45.64	2.39	60.60	0.88	22.23	1.25	31.75
36	36	2.39	60.71	1.92	48.82	2.50	63.40	0.94	23.83	1.38	34.93
40	40	2.52	64.01	2.05	51.99	2.57	65.18	0.94	23.83	1.50	38.10
44	44	2.77	70.36	2.30	58.32	2.86	72.64	1.19	30.18	1.75	44.45
48	48	2.89	73.41	2.42	61.49	3.34	84.94	1.31	33.32	1.88	47.63

STRAIGHT

MIL Part Number

M85049	/41	10	W
Series	Slash Sheet 41: Straight 42: Straight	Dash Number (Table A)	Finish (Table 2, pg. 14)

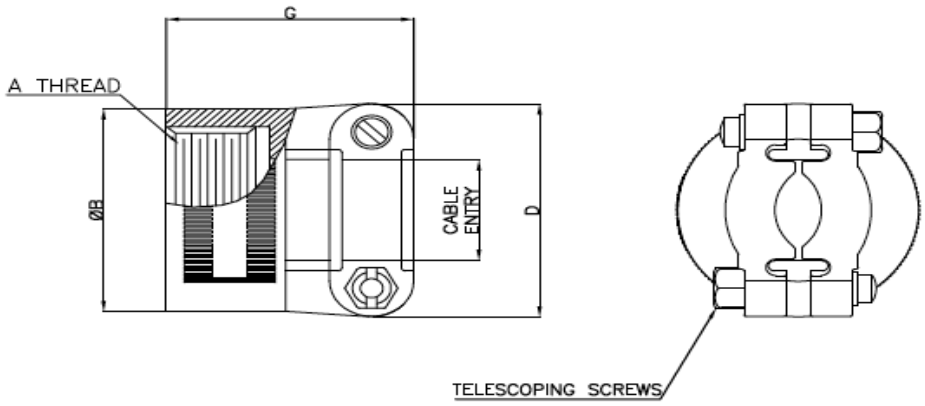


TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/ CODE (REF.)	A Thread Class 2B	CABLE ENTRY (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)	
					±.016	±.40	±.031	±.787	±.031	±.787	±.031	±.787
CONNECTOR SHELL SIZE			INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
3A	8S, 10S	0.500-28 UNEF	0.250	6.4	0.406	10.3	688	17.5	0.812	20.6	0.812	20.6
4A	10SL, 12S, 12	0.625-24 UNEF	0.312	7.9	0.406	10.3	812	20.6	0.875	22.2	0.812	20.6
6A	14S, 14	0.750-20 UNEF	0.438	11.1	0.406	10.3	969	24.6	1.062	27.0	0.875	22.2
8A	16, 16S	0.875-20 UNEF	0.562	14.3	0.406	10.3	1.094	27.8	1.156	29.4	0.938	23.8
10A	18	1.000-20 UNEF	0.625	15.9	0.406	10.3	1.188	30.2	1.250	31.8	0.938	23.8
12A	20, 22	1.188-18 UNEF	0.750	19.1	0.406	10.3	1.375	34.9	1.469	37.3	0.938	23.8
16A	24, 28	1.438-18 UNEF	0.938	23.8	0.406	10.3	1.656	42.1	1.688	42.9	1.031	26.2
20A	32	1.750-18 UNS	1.250	31.8	0. 469	11.9	2.031	51.6	2.031	51.6	1.094	27.8
24A	36	2.000-18 UNS	1.375	34.9	0. 531	13.5	2.219	56.4	2.281	57.9	1.156	29.4
28A	40	2.250-16 UN	1.625	41.3	0. 531	13.5	2.500	63.5	2.688	68.3	1.688	42.9
32A	44	2.500-16 UN	1.875	47.6	0. 594	15.1	2.781	70.6	2.938	74.6	1.750	44.5
40A	48	3.00-16 UN	2.375	60.3	0.656	16.7	3.281	83.3	3.500	88.9	1.750	44.5

STRAIGHT; SELF-LOCK/NON SELF-LOCK

26482 Series II; 5015 (MS345X); 83723 Series III

MIL Part Number

M85049	/118	-	10	W
Series	Slash Sheet	Coupling	Dash Number (Table A)	Finish (Table 2, pg. 14)
	118: Straight	S: Self Lock -: Non Self Lock		

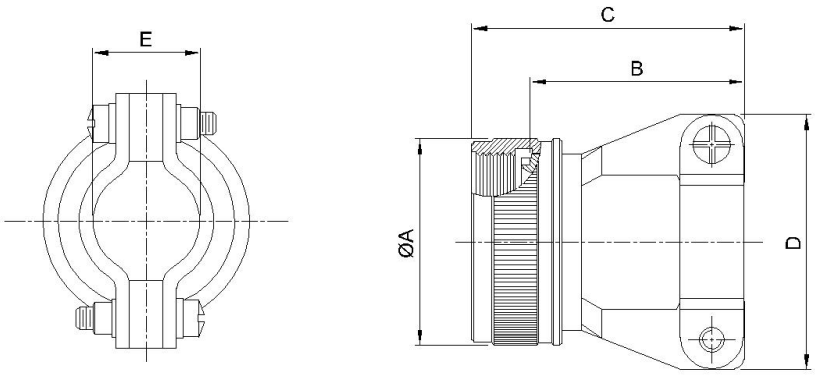


TABLE – A

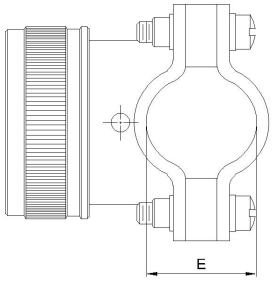
MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA.(MAX)		B LENGTH		C (MAX)		D (MAX)		E (CLOSED) ±.031	E (CLOSED) ±.787
CONNECTOR SHELL SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8S	0.89	22.61	0.77/0.51	19.56/12.95	1.14	28.96	0.88	22.35	0.22	5.56
10	10S, 10SL	1.01	25.65	0.89/0.64	22.61/16.26	1.25	31.75	0.94	23.88	0.26	6.71
12	12, 12S	1.14	28.96	1.01/0.76	25.65/19.30	1.38	35.05	1.12	28.45	0.34	8.74
14	14, 14S	1.26	32.00	1.01/0.76	25.65/19.30	1.38	35.05	1.19	30.23	0.46	11.68
16	16, 16S	1.39	35.31	1.13/0.88	28.70/22.35	1.50	38.10	1.44	36.58	0.55	13.84
18	18	1.51	38.35	1.38/1.13	35.05/28.70	1.75	44.45	1.56	39.62	0.62	15.62
20	20	1.64	41.66	1.51/1.25	38.35/31.75	1.88	47.75	1.69	42.93	0.69	17.53
22	22	1.76	44.70	1.62/1.38	41.15/35.05	2.00	50.80	1.75	44.45	0.78	19.81
24	24	1.89	48.01	1.76/1.51	44.70/38.35	2.13	54.10	1.88	47.75	0.85	21.59
28	28	2.14	54.36	2.03/1.67	51.56/42.42	2.56	65.02	2.12	53.85	0.95	24.13
32	32	2.40	60.96	2.28/1.87	57.91/47.50	2.81	71.37	2.50	63.50	1.02	25.78
36	36	2.64	67.06	2.53/2.22	64.26/56.39	3.06	77.72	2.62	66.55	1.19	30.15
40	40	2.89	73.41	2.63/2.41	66.80/61.21	3.16	80.26	2.68	68.07	1.22	30.99
44	44	3.14	79.76	3.00/2.80	76.20/71.12	3.53	89.66	3.00	76.20	1.50	38.10
48	48	3.39	86.11	3.40/3.20	86.36/81.28	3.93	99.82	3.50	88.90	1.63	41.28

90°; SELF-LOCK/NON SELF-LOCK

26482 Matrix Series II; 5015 Matrix (MS345X); 83723 Matrix & Pyle & Series III

MIL Part Number

M85049	/120	-	10	W
Series	Slash Sheet	Coupling	Dash Number (Table A)	Finish (Table 2, pg. 14)
	120: 90°	S: Self Lock -: Non Self Lock		



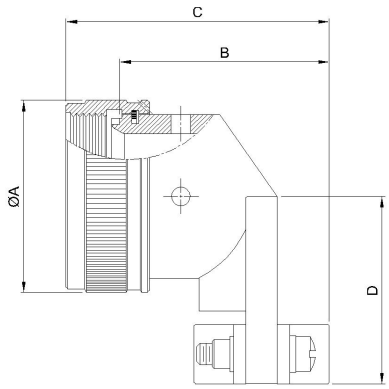


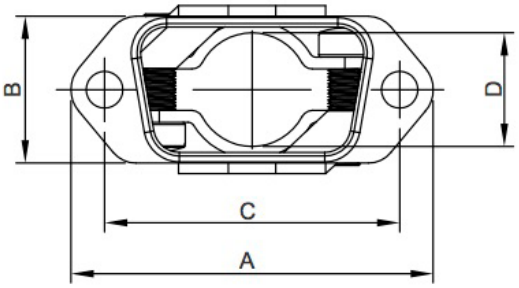
TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA.(MAX)		B (MAX)		C (MAX)		D (MAX)		E (CLOSED) ±.031	E (CLOSED) ±.787
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8S	0.88	22.35	0.93	23.62	1.29	32.77	0.81	20.57	0.22	5.56
10	10S, 10SL	0.94	23.88	1.02	25.91	1.38	35.05	0.87	22.10	0.26	6.71
12	12, 12S	1.12	28.45	1.21	30.73	1.57	39.88	0.93	23.62	0.34	8.74
14	14, 14S	1.19	30.23	1.27	32.26	1.63	41.40	1.00	25.40	0.46	11.68
16	16, 16S	1.44	36.58	1.42	36.07	1.78	45.21	1.06	26.92	0.55	13.84
18	18	1.56	39.62	1.53	38.86	1.89	48.01	1.23	31.24	0.62	15.62
20	20	1.69	42.93	1.65	41.91	2.01	51.05	1.30	33.02	0.70	17.73
22	22	1.75	44.45	1.78	45.21	2.14	54.36	1.36	34.54	0.78	19.81
24	24	1.88	47.75	1.90	48.26	2.26	57.40	1.42	36.07	0.85	21.59
28	28	2.12	53.85	2.20	55.88	2.72	69.09	1.63	41.40	0.95	24.13
32	32	2.50	63.50	2.27	57.66	2.79	70.87	1.86	47.24	1.02	25.78
36	36	2.62	66.55	2.39	60.71	2.91	73.91	1.98	50.29	1.19	30.15
40	40	2.68	68.07	2.52	64.01	3.04	77.22	2.10	53.34	1.22	30.99
44	44	3.00	76.20	2.77	70.36	3.29	83.57	2.36	59.94	1.50	38.10
48	48	3.50	88.90	2.89	73.41	3.41	86.61	2.48	62.99	1.63	41.28

STRAIGHT
Mil-DTL-24308

MIL Part Number

M85049	/48	2	X	XX
Series	Slash Sheet	Straight	Dash Number (Table A)	Finish (Table 2, pg. 14)



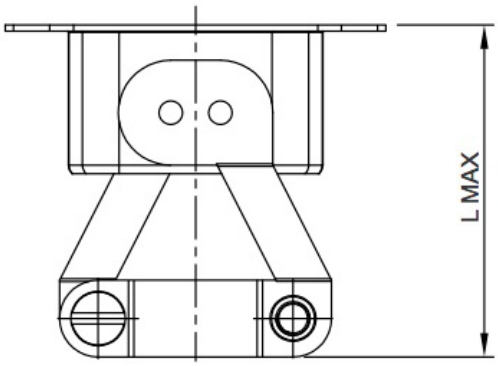


	TABLE – A								
Sr. No	MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	Number of Pins Density		A (MAX)	B (MAX)	C (MAX)	D (MAX)	L (MAX) (CLOSED)
			Std.	High					
1	M2000/48-2-1Z	1	9	15	30.7	12.40	24.99	10.30	27.80
2	M2000/48-2-2Z	2	15	26	39.00	12.40	33.32	10.30	27.80
3	M2000/48-2-3Z	3	25	44	52.90	12.40	47.04	15.10	28.60
4	M2000/48-2-4Z	4	37	62	69.20	12.40	63.50	18.30	28.60
5	M2000/48-2-5Z	5	50	78	66.80	15.25	61.11	18.30	28.60

STRAIGHT; 90°; SELF-LOCK/NON SELF-LOCK

38999 Series I & Series II

MIL Part Number

M85049	/47	-	10	W
Series	Slash Sheet 49-2: Straight 47: 90°	Coupling S: Self Lock -: Non Self Lock	Dash Number (Table A)	Finish (Table 2, pg. 14)

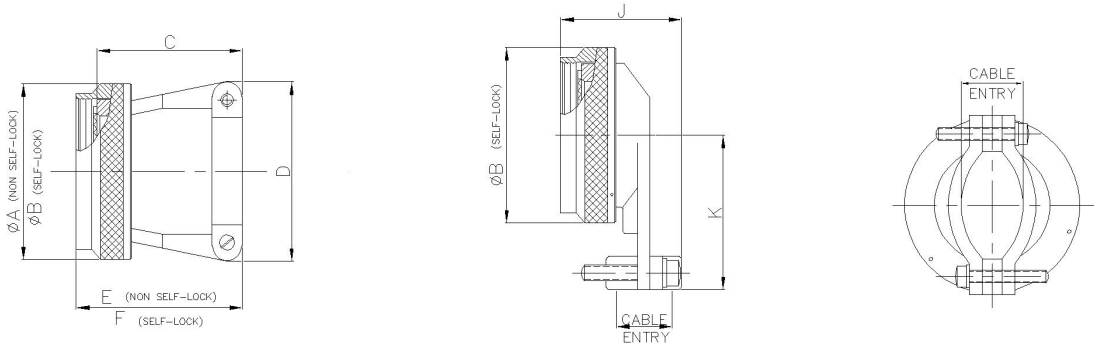


TABLE – A													
MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SE – II / I	A DIA.(MAX)		B DIA.(MAX)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
DASH NO.		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8 / 9	0.75	19.05	0.86	21.82	0.91	23.11	0.85	21.59	1.10	27.94	1.15	29.21
10	10 / 11	0.85	21.59	0.98	24.99	0.91	23.11	0.90	22.86	1.10	27.94	1.15	29.21
12	12 / 13	1.00	25.40	1.16	29.36	1.01	25.65	1.10	27.94	1.20	30.48	1.25	31.75
14	14 / 15	1.10	27.94	1.28	32.54	1.06	26.92	1.15	29.21	1.25	31.75	1.30	33.02
16	16 / 17	1.25	31.75	1.41	35.71	1.16	29.46	1.30	33.02	1.36	34.44	1.40	35.56
18	18 / 19	1.40	35.56	1.52	38.51	1.41	35.81	1.50	38.10	1.60	40.64	1.65	41.91
20	20 / 21	1.50	38.10	1.64	41.68	1.51	38.35	1.60	40.64	1.70	43.21	1.75	44.45
24	22 / 23	1.65	41.91	1.77	44.86	1.66	42.16	1.70	43.18	1.85	46.99	1.90	48.26
24	24 / 25	1.75	44.45	1.89	48.03	1.76	44.70	1.80	45.72	1.95	49.56	2.00	50.80

TABLE – A, cont.									
MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SE – II / I	J (MAX)		K (MAX)		CABLE ENTRY			
						MIN		MAX	
DASH NO.		INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8 / 9	1.38	35.05	1.00	25.40	0.10	2.49	0.23	5.94
10	10 / 11	1.38	35.05	1.10	27.94	0.15	3.89	0.23	5.94
12	12 / 13	1.46	37.08	1.10	27.94	0.19	4.83	0.33	8.33
14	14 / 15	1.63	41.40	1.25	31.75	0.26	6.60	0.46	11.61
16	16 / 17	1.80	45.72	1.30	33.02	0.28	7.19	0.61	15.60
18	18 / 19	1.82	46.23	1.35	34.29	0.33	8.26	0.63	16.10
20	20 / 21	1.90	48.26	1.60	40.64	0.34	8.71	0.70	17.73
22	22 / 23	2.04	51.82	1.75	44.45	0.38	9.68	0.82	20.90
24	24 / 25	2.15	54.61	1.85	46.99	0.42	10.62	0.85	21.67

STRAIGHT; SELF-LOCK/NON SELF-LOCK

38999 Series I & Series II

MIL Part Number

M85049	/121	-	10	W
Series	Slash Sheet	Coupling	Dash Number (Table A)	Finish (Table 2, pg. 14)
	121: Straight	S: Self Lock -: Non Self Lock		

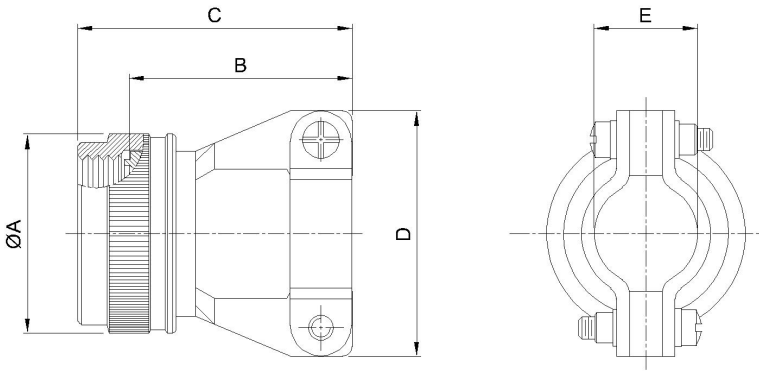


TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SE – II / I	A DIA.(MAX)		B LENGTH		C (MAX)		D (MAX)		E (CLOSED)	
										±.031	±.787
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	08	0.86	21.79	0.77/0.51	19.56/12.95	1.01	25.65	0.88	22.35	0.22	5.56
10	10	0.98	24.99	0.89/0.64	22.61/16.26	1.13	28.70	0.94	23.88	0.26	6.71
12	12	1.16	29.39	1.01/0.76	25.65/19.30	1.25	31.75	1.12	28.45	0.34	8.74
14	14	1.28	32.49	1.01/0.76	25.65/19.30	1.25	31.75	1.19	30.23	0.46	11.68
16	16	1.41	35.71	1.13/0.88	28.70/22.35	1.37	34.80	1.44	36.58	0.55	13.84
18	18	1.52	38.51	1.38/1.13	35.05/28.70	1.62	41.15	1.56	39.62	0.62	15.62
20	20	1.64	41.71	1.51/1.25	38.35/31.75	1.75	44.45	1.69	42.93	0.69	17.53
22	22	1.77	44.91	1.62/1.38	41.15/35.05	1.87	47.50	1.75	44.45	0.78	19.81
24	24	1.87	47.47	1.76/1.51	44.70/38.35	2.00	50.80	1.88	47.75	0.85	21.59

STRAIGHT; 90°; SELF-LOCK/NON SELF-LOCK

38999 Series I & Series II

MIL Part Number

M85049	/123	-	10	W
Series	Slash Sheet	Coupling	Dash Number (Table A)	Finish (Table 2, pg. 14)
	123: 90°	S: Self Lock -: Non Self Lock		

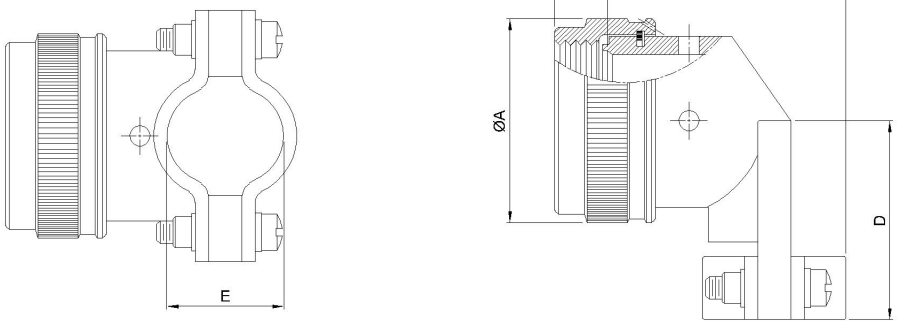


TABLE – A											
MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SE – II / I	A DIA.(MAX)		B (MAX)		C (MAX)		D (MAX)		E (CLOSED)	
										±.031	±.787
DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	08	0.86	21.79	0.86	21.84	1.10	27.94	0.81	20.57	0.22	5.56
10	10	0.98	24.99	0.94	23.88	1.18	29.97	0.87	22.10	0.26	6.71
12	12	1.16	29.39	1.14	28.96	1.38	35.05	0.93	23.62	0.34	8.74
14	14	1.28	32.49	1.20	30.48	1.44	36.58	0.99	25.15	0.46	11.68
16	16	1.41	35.71	1.34	34.04	1.58	40.13	1.06	26.92	0.55	13.84
18	18	1.52	38.51	1.46	37.08	1.70	43.18	1.23	31.24	0.62	15.62
20	20	1.64	41.71	1.58	40.13	1.82	46.23	1.30	33.02	0.70	17.73
22	22	1.77	44.91	1.71	43.43	1.95	49.53	1.36	34.54	0.78	19.81
24	24	1.87	47.47	1.83	46.48	2.07	52.58	1.42	36.07	0.85	21.59

STRAIGHT; 90°; SELF-LOCK/NON SELF-LOCK

38999 Series III & Series IV

MIL Part Number

M85049	/38	-	11	W
Series	Slash Sheet 38: Straight 39: 90°	Coupling S: Self Lock -: Non Self Lock	Shell Size (Table A)	Finish (Table 2, pg. 14)

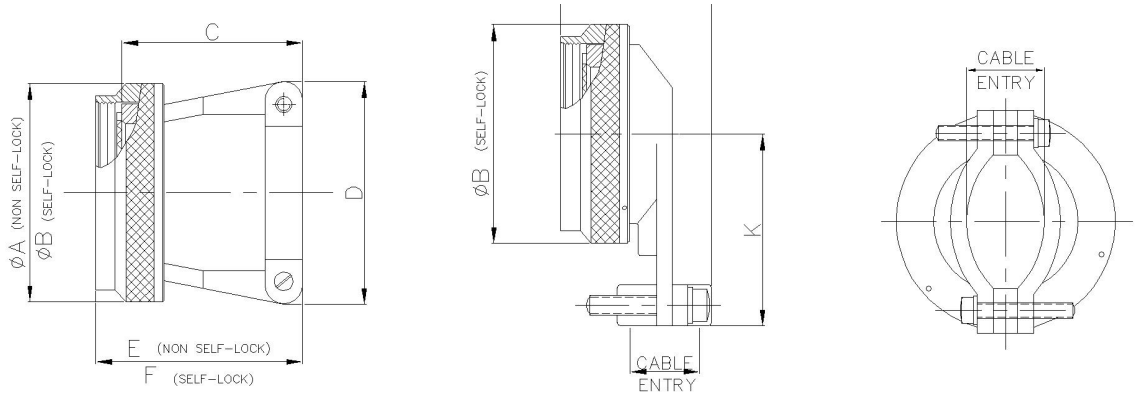


TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA.(MAX)		B DIA.(MAX)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
CONNECTOR SHELL SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
09	9 / A	0.75	19.05	0.86	21.82	0.91	23.11	0.85	21.59	1.10	27.94	1.21	30.73
11	11 / B	0.85	21.59	0.98	24.99	0.91	23.11	0.90	22.86	1.10	27.94	1.21	30.73
13	13 / C	1.00	25.40	1.16	29.36	1.01	25.65	1.10	27.94	1.20	30.48	1.31	33.27
15	15 / D	1.10	27.94	1.28	32.54	1.06	26.92	1.15	29.21	1.25	31.75	1.35	34.29
17	17 / E	1.25	31.75	1.41	35.71	1.16	29.46	1.30	33.02	1.36	34.44	1.45	36.83
19	19 / F	1.40	35.56	1.52	38.51	1.41	35.81	1.50	38.10	1.60	40.64	1.71	43.43
21	21 / G	1.50	38.10	1.64	41.68	1.51	38.35	1.60	40.64	1.70	43.21	1.81	45.97
23	23 / H	1.65	41.91	1.77	44.86	1.66	42.16	1.70	43.18	1.85	46.99	1.95	49.53
25	25 / J	1.75	44.45	1.89	48.03	1.76	44.70	1.80	45.72	1.95	49.56	2.05	52.07

TABLE – A, cont.

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/ CODE (REF.)	J (MAX)		K (MAX)		CABLE ENTRY			
						MIN		MAX	
CONNECTOR SHELL SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM
9	9 / A	1.31	33.27	1.00	25.40	0.10	2.49	0.23	5.94
11	11 / B	1.31	33.27	1.10	27.94	0.15	3.89	0.23	5.94
13	13 / C	1.51	38.35	1.10	27.94	0.19	4.83	0.33	8.33
15	15 / D	1.55	39.37	1.25	31.75	0.26	6.60	0.46	11.61
17	17 / E	1.71	43.43	1.30	33.02	0.28	7.19	0.61	15.60
19	19 / F	1.81	45.97	1.35	34.29	0.33	8.26	0.63	16.10
21	21 / G	1.95	49.53	1.60	40.64	0.34	8.71	0.70	17.73
23	23 / H	2.10	53.34	1.75	44.45	0.38	9.68	0.82	20.90
25	25 / J	2.21	56.13	1.85	46.99	0.42	10.62	0.85	21.67

STRAIGHT; SELF-LOCK/NON SELF-LOCK

38999 Series III & Series IV

MIL Part Number

M85049	/124	-	10	W
Series	Slash Sheet 124: 90°	Coupling S: Self Lock -: Non Self Lock	Dash Number (Table A)	Finish (Table 2, pg. 14)

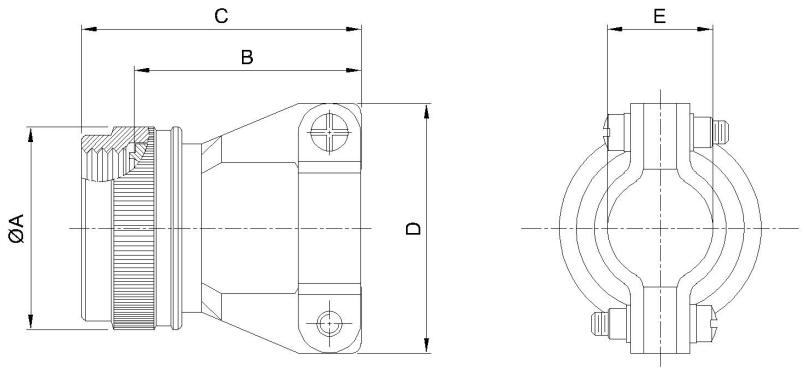


TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA.(MAX)		B LENGTH		C (MAX)		D (MAX)		E (CLOSED)	
										±.031	±.787
CONNECTOR SHELL SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
09	9 / A	0.86	21.79	0.77/0.51	19.56/12.95	1.01	25.65	0.88	22.35	0.22	5.56
11	11 / B	0.98	24.99	0.89/0.64	22.61/16.26	1.13	28.70	0.94	23.88	0.26	6.71
13	13 / C	1.16	29.39	1.01/0.76	25.65/19.30	1.25	31.75	1.12	28.45	0.34	8.74
15	15 / D	1.28	32.49	1.01/0.76	25.65/19.30	1.25	31.75	1.19	30.23	0.46	11.68
17	17 / E	1.41	35.71	1.13/0.88	28.70/22.35	1.37	34.80	1.44	36.58	0.55	13.84
19	19 / F	1.52	38.51	1.38/1.13	35.05/28.70	1.62	41.15	1.56	39.62	0.62	15.62
21	21 / G	1.64	41.71	1.51/1.25	38.35/31.75	1.75	44.45	1.69	42.93	0.69	17.53
23	23 / H	1.77	44.91	1.62/1.38	41.15/35.05	1.87	47.50	1.75	44.45	0.78	19.81
25	25 / J	1.87	47.47	1.76/1.51	44.70/38.35	2.00	50.80	1.88	47.75	0.85	21.59

90°; SELF-LOCK/NON SELF-LOCK

38999 Series III & Series IV

MIL Part Number

M85049	/126	-	11	W
Series	Slash Sheet	Coupling	She Size (Table A)	Finish (Table 2, pg. 14)
	126: 90°	S: Self Lock -: Non Self Lock		

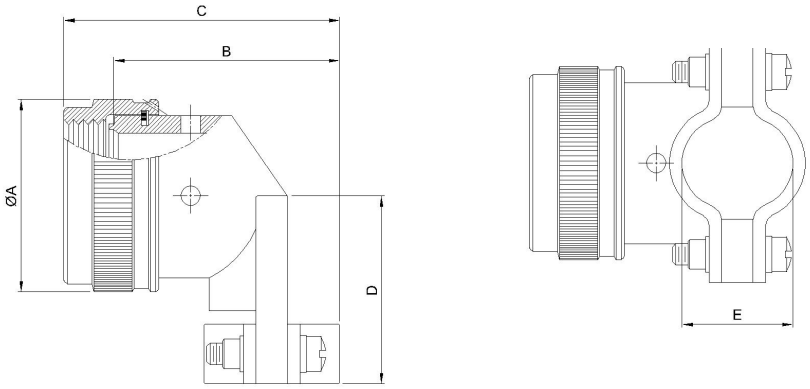


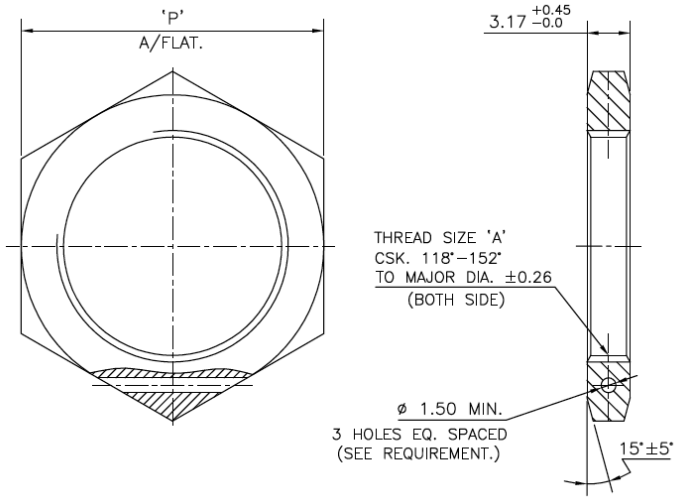
TABLE – A

MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE/ CODE (REF.)	A DIA.(MAX)		B LENGTH		C (MAX)		D (MAX)		E (CLOSED)	
										±.031	±.787
CONNECTOR SHELL SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
09	9 / A	0.86	21.79	0.77/0.51	19.56/12.95	1.01	25.65	0.88	22.35	0.22	5.56
11	11 / B	0.98	24.99	0.89/0.64	22.61/16.26	1.13	28.70	0.94	23.88	0.26	6.71
13	13 / C	1.16	29.39	1.01/0.76	25.65/19.30	1.25	31.75	1.12	28.45	0.34	8.74
15	15 / D	1.28	32.49	1.01/0.76	25.65/19.30	1.25	31.75	1.19	30.23	0.46	11.68
17	17 / E	1.41	35.71	1.13/0.88	28.70/22.35	1.37	34.80	1.44	36.58	0.55	13.84
19	19 / F	1.52	38.51	1.38/1.13	35.05/28.70	1.62	41.15	1.56	39.62	0.62	15.62
21	21 / G	1.64	41.71	1.51/1.25	38.35/31.75	1.75	44.45	1.69	42.93	0.69	17.53
23	23 / H	1.77	44.91	1.62/1.38	41.15/35.05	1.87	47.50	1.75	44.45	0.78	19.81
25	25 / J	1.87	47.47	1.76/1.51	44.70/38.35	2.00	50.80	1.88	47.75	0.85	21.59

HEXAGON PANEL NUT FOR SER-III & IV

MIL Part Number

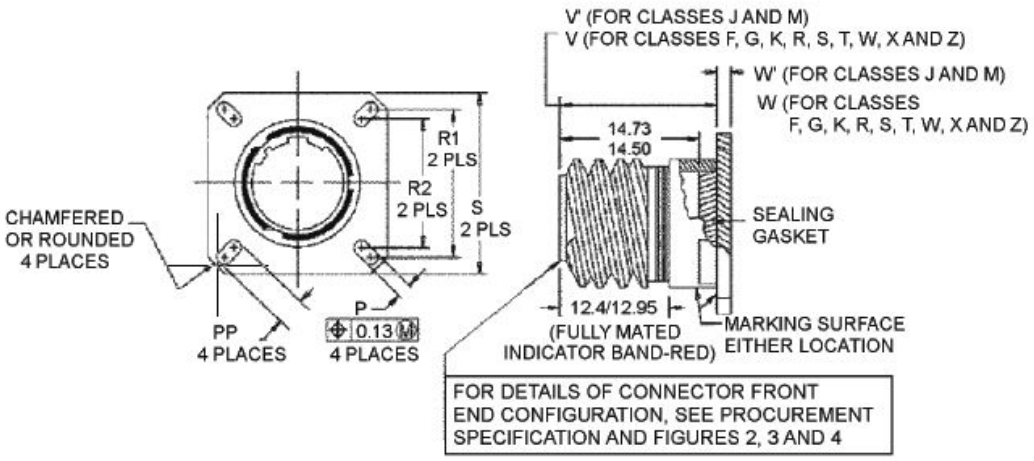
J D38999	/28	11	F
			Class
MIL Number prefix I	Specification sheet number	Dash Number	F - Electroless nickel finish. W- Aluminum, 500 hrs cadmium olive drab



Dash #	Shell Size		"A" Thread Size	Modified	P Hex.
	Ser-III	Ser-IV			
1	09	--	M17 X 1-6H	16.04/16.15	24.0 21.82
2	11	--	M20 X 1-6H	19.07/19.15	27.0 24.99
3	13	11	M25 X 1-6H	---	32.0 29.77
4	15	12	M28 X 1-6H	---	36.0 32.91
5	--	15	M31 X 1-6H	---	41.0 39.26
6	17	--	M32 X 1-6H	---	37.0 36.12
7	--	17	M34 X 1-6H	---	41.0 39.25
8	19	--	M35 X 1-6H	---	41.0 39.25
9	21	19	M38 X 1-6H	---	46.0 42.47
10	23	21	M41 X 1-6H	---	50.0 45.61
11	25	23	M44 X 1-6H	---	51.0 49.25
12	--	23	M47 X 1-6H	---	55.0 53.54

MIL Part Number

D38999	/22	B	W
MIL Number prefix	Specification sheet number	Shell size code	Class **Shell size codes A, A1 and A2 for shell size 9 only:** • Shell size code A is a universal configuration for use with plugs with mating key polarizations A, B, C, D, E and N. • Shell size code A1 is for use with plugs with mating key polarizations C, E or N. • Shell size code A2 is for use with plugs with mating key polarizations A, B or D.



Shell Size	Class	S .3	V +0.00 -0.13	V' +1.4 -0.0	W 3	W'
9	A	23.8 (.937)	20.83 (.820)	19.5 (.768)	2.5 (.098)	3.65 (.144) 2.2 (.087)
9	A	23.8 (.937)	20.83 (.820)	19.5 (.768)	2.5 (.098)	3.65 (.144) 2.2 (.087)
9	A	23.8 (.937)	20.83 (.820)	19.5 (.768)	2.5 (.098)	3.65 (.144) 2.2 (.087)
11	B	26.2 (1.031)	20.83 (.820)	19.5 (.768)	2.5 (.098)	3.65 (.144) 2.2 (.087)
13	C	28.6 (1.126)	20.83 (.820)	19.5 (.768)	2.5 (.098)	3.65 (.144) 2.2 (.087)
15	D	31.0 (1.220)	20.83 (.820)	19.5 (.768)	2.5 (.098)	3.65 (.144) 2.2 (.087)
17	E	33.3 (1.311)	20.83 (.820)	19.5 (.768)	2.5 (.098)	3.65 (.144) 2.2 (.087)
19	F	36.5 (1.437)	20.83 (.820)	19.5 (.768)	2.5 (.098)	3.65 (.144) 2.2 (.087)
21	G	39.7 (1.563)	20.07 (.790)	18.7 (.736)	3.2 (.126)	4.35 / 2.9 (.171 / .114)
23	H	42.9 (1.689)	20.07 (.790)	18.7 (.736)	3.2 (.126)	4.35 / 2.9 (.171 / .114)
25	J	46.0 (1.811)	20.07 (.790)	18.7 (.736)	3.2 (.126)	4.35 / 2.9 (.171 / .114)

APPENDIX

Military Series	Amphenol Series	Page
M85049/6	BV1BRJ	38
M85049/7	BE1BRJ	33
M85049/8	BV1ARJ	38
M85049/9	BE1ARJ	33
M85049/10	BV1SRJ	35
M85049/11	BE1SRJ	30
M85049/14	BG1SRL	52
M85049/15	BQIBRL	75
M85049/16	BQ1ARL	75
M85049/17	BV1SDK	40
M85049/18	BV1SRL	45
M85049/19	BM1SRL	67
M85049/20	BC2SRL	21
M85049/21	BN1SRL	56
M85049/23	BM1BRJ	62
M85049/24	BM1ARJ	62
M85049/25	BM1SRJ	59
M85049/26-1	BC2SRJ	19
M85049/26-2	BC3XXX	19
M85049/26-3	BC1SRJ	19
M85049/27	BG1SRK	57
M85049/29	BN1SDK	53
M85049/31	BG1SRJ	50
M85049/33-2	BC2SRK	20
M85049/36	BM1SDK	64
M85049/38	BS1SRL	88
M85049/39	BS1ARL	88
M85049/42	-	81
M85049/43	BS1BRJ	79
M85049/47	BS1ARK	85
M85049/49-2	BS1SRK	85
M85049/51	BS1ARJ	79
M85049/52	BS1SRJ	79
M85049/53	BQ1SRJ	73
M85049/54	BQ1BRJ	73
M85049/55	BQ1ARJ	73
M85049/56	BQ1SRK	74
M85049/57	BQ1BRKBB1SRJ	74
M85049/60-1	BB1SRJ	76
M85049/60-2	BB2SRJ	76
M85049/62	BB1SRK	77
M85049/63	BQ1ARK	74
M85049/69	BB1SRL	78
M85049/76	BV1ARK	43
M85049/77	BV1BRK	43
M85049/78	BV1BRL	48
M85049/79	BV1ARL	48
M85049/82	BL1SSJ	16
M85049/83	BL1BSJ	16
M85049/84	BL1ASJ	16
M85049/85	BL1SSK	17
M85049/86	BL1BSK	17
M85049/87	BL1ASK	17
M85049/88	BL1SSL	18
M85049/89	BL1BSL	18
M85049/90	BL1ASL	18
M85049/109	BH1SRJ	70
M85049/111	BH1ARJ	70
M85049/112	BH1SRK	71
M85049/114	BH1ARK	71
M85049/115	BH1SRL	72
M85049/117	BH1ARL	72
M85049/118	BS014SSJ	82
M85049/120	BS014ASJ	83
M85049/121	BS014SSK	86
M85049/123	BS014ASK	87
M85049/124	BS014SS	89
M85049/126	BS014ASL	90

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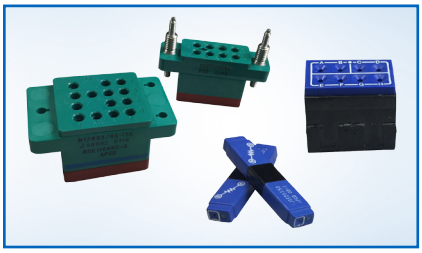
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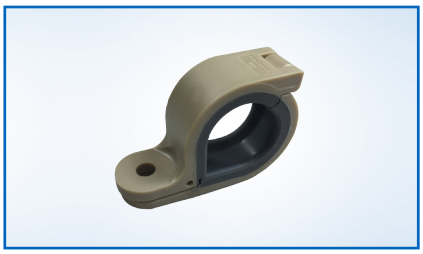
Backshells



Cable Solutions &
Cable Adapters
NEW



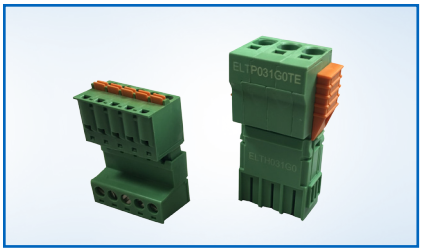
Relay Sockets &
Junction Modules



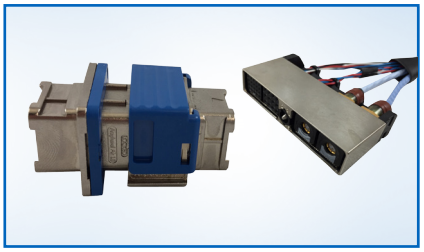
System
Attachments



Luminus Series,
Rayzor Series &
Pegasus Series
NEW



Terminal Blocks



SIM



Rectangular



Circular



Waterproof
Solutions



Rugged Solutions



Military Audio
/Power

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Connecting People & Technology

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