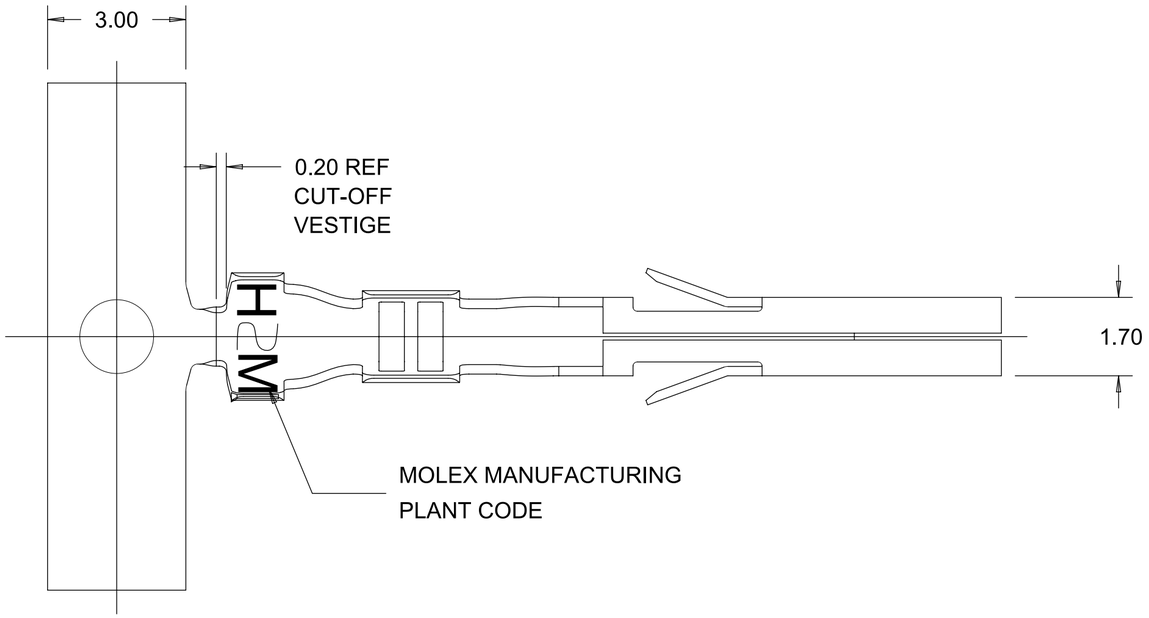


PART LEGEND

172718- * * * *

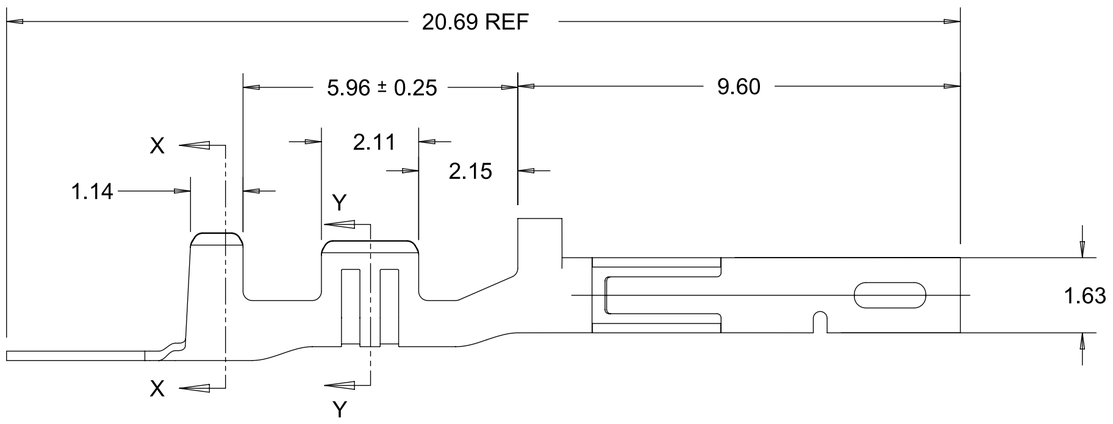
SERIES

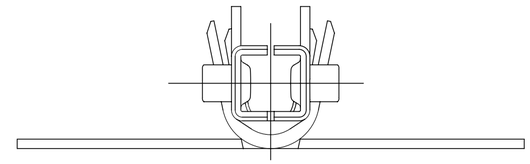
WIRE GAGE (INS OD RANGE)
1 = 16 (∅1.98-2.55)
2 = 16 (∅2.55-3.14)
3 = 18-20 (∅1.42-2.10)
4 = 18-20 (∅2.10-2.85)
5 = 22-24 (∅1.07-1.65)
6 = 22-24 (∅1.65-2.38)

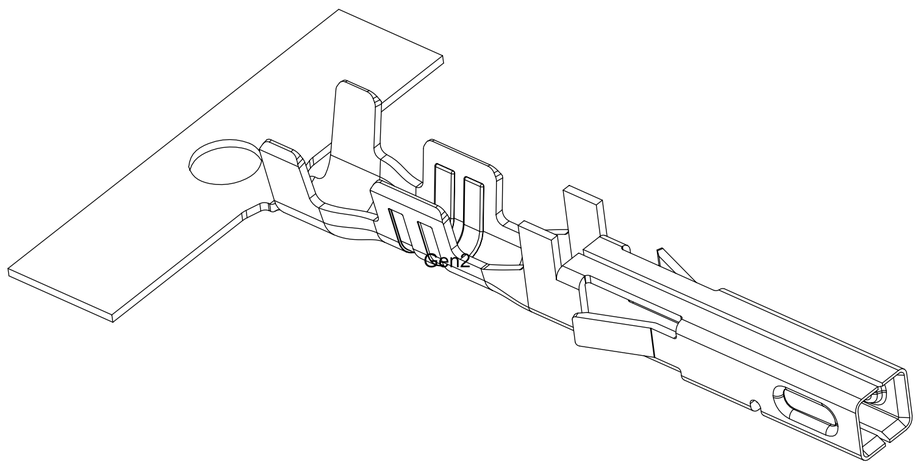
MATERIAL
1 = PHOS BRONZE
2 = BRASS

PLATING
1 = HOT TIN DIP (PRE-PLATE)

FORM
1 = CHAIN/UNLUBED
2 = LOOSE/UNLUBED
3 = CHAIN/LUBED
4 = LOOSE/UNLUBED







NOTES:
1. MATERIALS:
   PHOS BRONZE ALLOY
   BRASS ALLOY
2. PRE-PLATED: HOT TIN DIP, OVERALL 2.5µm MIN. TIN.
3. PRODUCT SPECIFICATION: PS-172718-0000
   APPLICATION SPECIFICATION: AS-172718-0000
4. THIS TERMINAL TO BE USED WITH HOUSING SERIES 172708.
5. THIS TERMINAL MATES WITH MALE CRIMP TERMINAL SERIES 5558, 46012 & 172765.
6. THIS TERMINAL MATES WITH HEADER SERIES 5566 & 5569.
7. PACKAGING: REELS TO BE PACKED PER PK-172718-0000
   LOOSE TERMINALS PER PK-172718-0001.
8. PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
9. WHEN TERMINALS ARE INSTALLED IN THE HOUSING THE WIRE ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE HOUSING POCKET.
10. THIS TERMINALS IS DESIGNED FOR SINGLE WIRE CRIMPING.
11. LUBERICANT ADDED TO CONTACT INTERFACE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.2
1 PLACE	± 0.2
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 756815
DRWN: JERRYW8 2023/07/17
CHK'D: XQZHANG 2023/07/17
APPR: XQZHANG 2023/07/17

INITIAL REVISION:
DRWN: TGREGORI 2014/09/09
APPR: TGREGORI 2014/09/24

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 172718

molex

CRIMP TERMINAL
RECEPTACLE MINI-FIT TPA2 AND SIGMA

PRODUCT CUSTOMER DRAWING

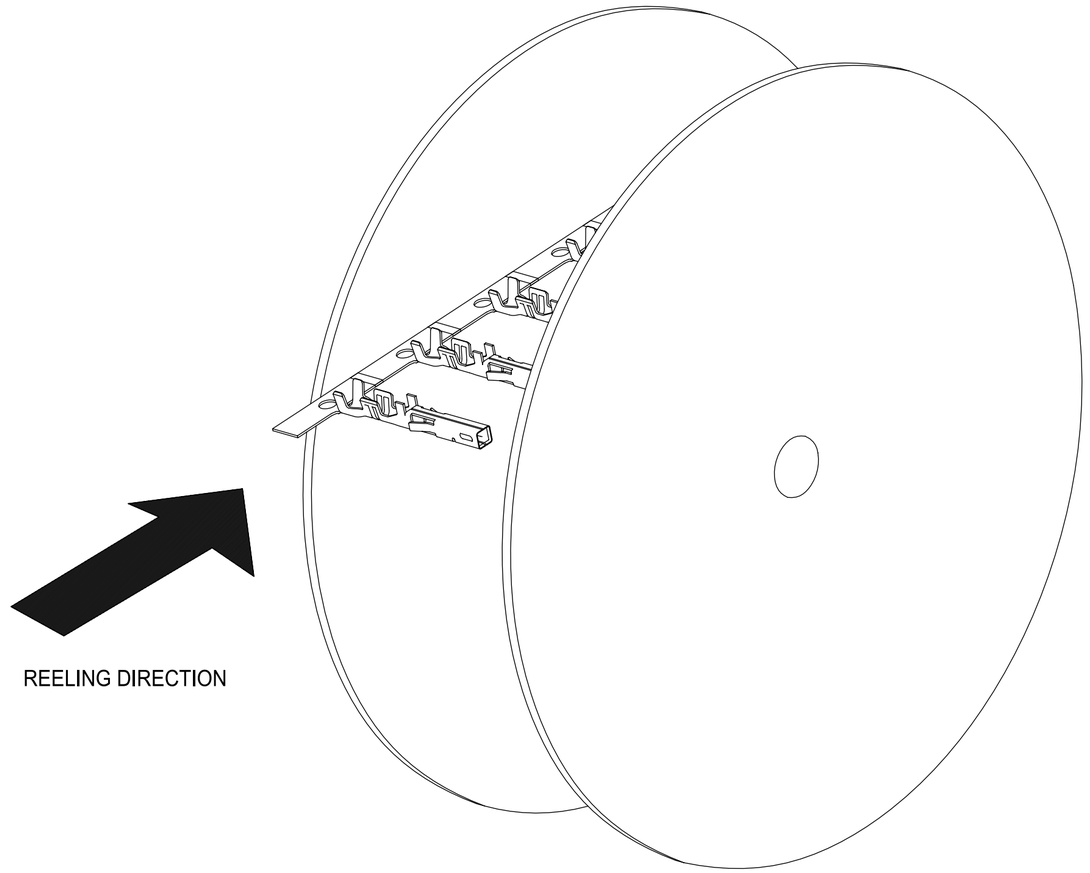
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172718-0000	PSD	000	D8

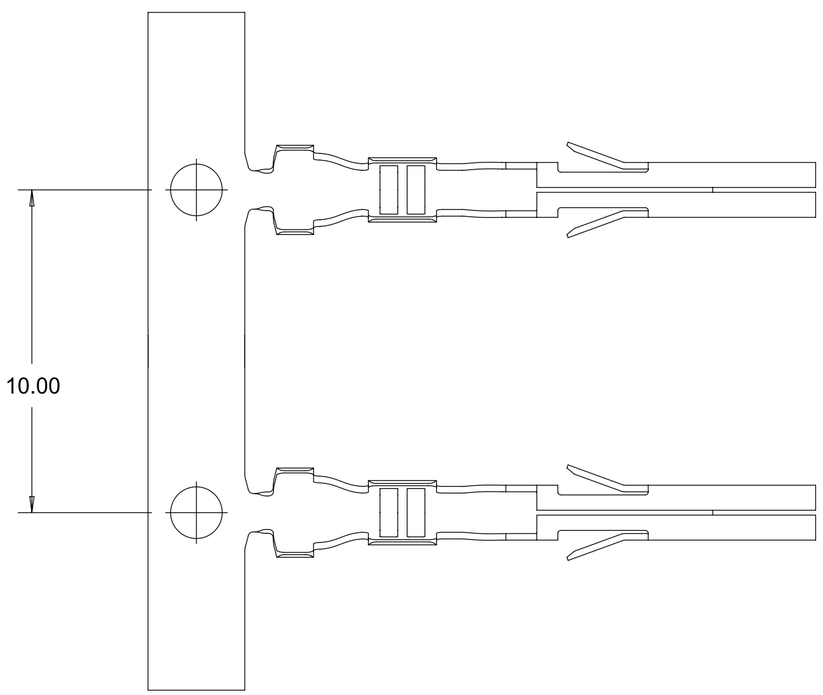
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 2

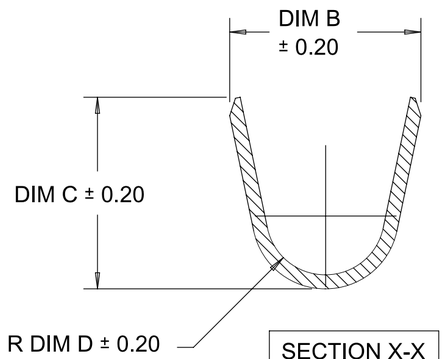
DOCUMENT STATUS	P1	RELEASE DATE	2023/07/17 04:34:36

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

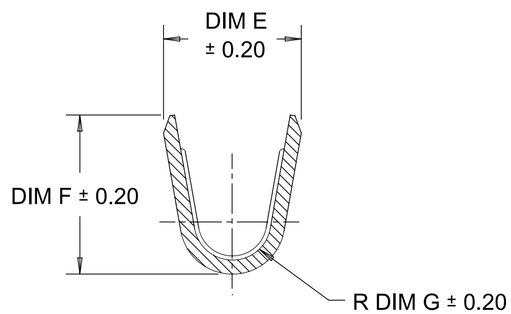
	MOLEX PART NUMBER	BASE MAT'L	WIRE AWG	COMBINATION WIRE AWG	WIRE OD RANGE	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
CHAIN	172718-1111	PHOS BOONZE	16	NA	1.98-2.55	3.27	3.43	1.00	2.35	2.90	0.70
	172718-2111			NA	2.55-3.14	3.74	3.66	1.43			
	172718-3111		18-20	NA	1.42-2.10	2.77	2.77	0.85	2.00	2.30	0.55
	172718-4111			22+22 AWG	2.10-2.85	3.36	3.37	1.25			
	172718-5111		22-24	NA	1.07-1.65	2.33	2.27	0.70	1.68	1.65	0.40
	172718-6111			NA	1.65-2.38	3.14	3.09	1.00			
	172718-1121	BRASS	16	NA	1.98-2.55	3.27	3.43	1.00	2.35	2.90	0.70
	172718-2121			NA	2.55-3.14	3.74	3.66	1.43			
	172718-3121		18-20	NA	1.42-2.10	2.77	2.77	0.85	2.00	2.30	0.55
	172718-4121			22+22 AWG	2.10-2.85	3.36	3.37	1.25			
	172718-5121		22-24	NA	1.07-1.65	2.33	2.27	0.70	1.68	1.65	0.40
11	172718-5123			NA	1.07-1.65	2.33	2.27	0.70			
	172718-6121			NA	1.65-2.38	3.14	3.09	1.00			
LOOSE	172718-1112	PHOS BRONZE	16	NA	1.98-2.55	3.27	3.43	1.00	2.35	2.90	0.70
	172718-2112			NA	2.55-3.14	3.74	3.66	1.43			
	172718-3112		18-20	NA	1.42-2.10	2.77	2.77	0.85	2.00	2.30	0.55
	172718-4112			NA	2.10-2.85	3.36	3.37	1.25			
	172718-5112		22-24	NA	1.07-1.65	2.33	2.27	0.70	1.68	1.65	0.40
	172718-6112			NA	1.65-2.38	3.14	3.09	1.00			
	172718-1122	BRASS	16	NA	1.98-2.55	3.27	3.43	1.00	2.35	2.90	0.70
	172718-2122			NA	2.55-3.14	3.74	3.66	1.43			
	172718-3122		18-20	NA	1.42-2.10	2.77	2.77	0.85	2.00	2.30	0.55
	172718-4122			NA	2.10-2.85	3.36	3.37	1.25			
	172718-5122		22-24	NA	1.07-1.65	2.33	2.27	0.70	1.68	1.65	0.40
	172718-6122			NA	1.65-2.38	3.14	3.09	1.00			







SECTION X-X
SCALE 15:1



SECTION Y-Y
SCALE 15:1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	0.2
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 756815
DRWN: JERRYW8 2023/07/17
CHK'D: XQZHANG 2023/07/17
APPR: XQZHANG 2023/07/17

INITIAL REVISION:
DRWN: TGREGORI 2014/09/09
APPR: TGREGORI 2014/09/24

molex

CRIMP TERMINAL
RECEPTACLE MINI-FIT TPA2 AND SIGMA

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172718-0000	PSD	000	D8

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	172718		GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/07/17 04:34:36

FORMAT: master-b-portr-C
REVISION: J1
DATE: 2021/05/01