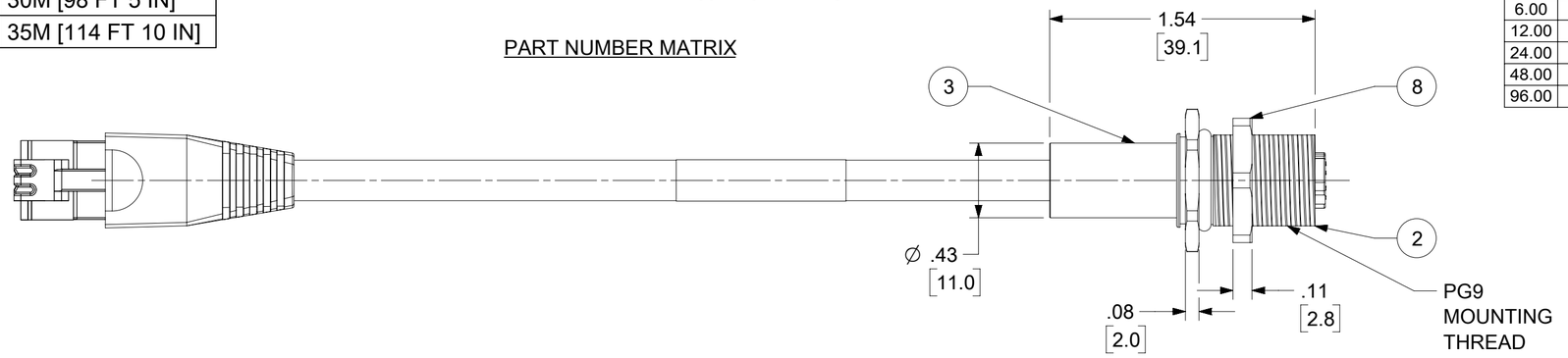
PART NO.	ENG. NO.	FINISHED LENGTH
1300540003	ER1PAB3002M005	0.5M [1 FT 8 IN]
1300540004	ER1PAB3002M010	1M [3 FT 3 IN]
1300540005	ER1PAB3002M020	2M [6 FT 7 IN]
1300540040	ER1PAB3002M200	20M [65 FT 7 IN]
1300540041	ER1PAB3002M300	30M [98 FT 5 IN]
1300540042	ER1PAB3002M350	35M [114 FT 10 IN]

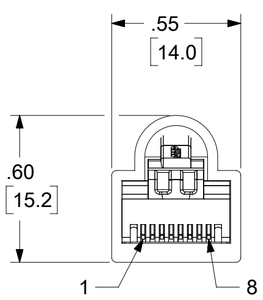
ER1PAB3002M200

LENGTH
M001 = .1 METERS
M010 = 1.0 METERS
M100 = 10 METERS

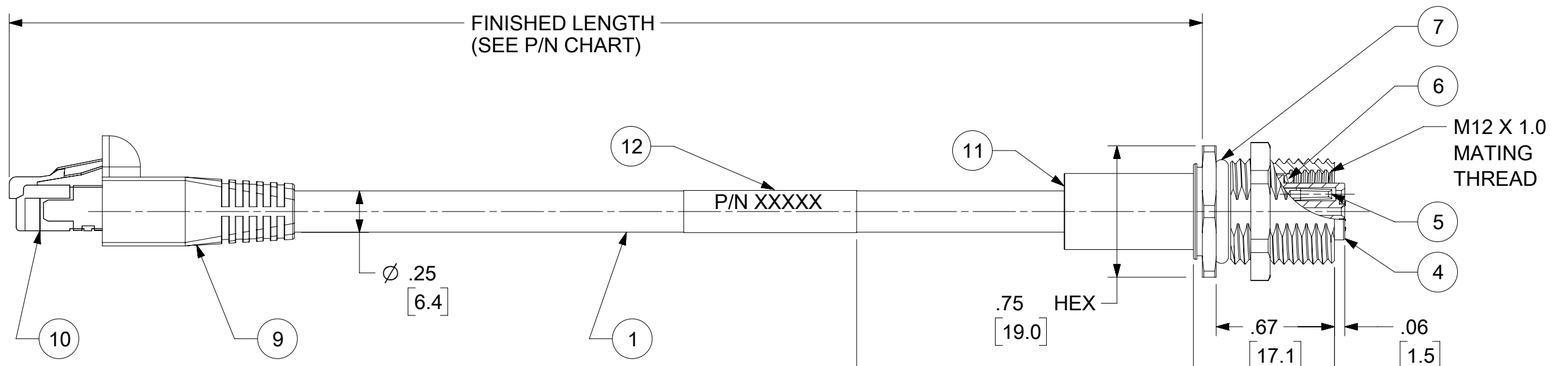
PART NUMBER MATRIX

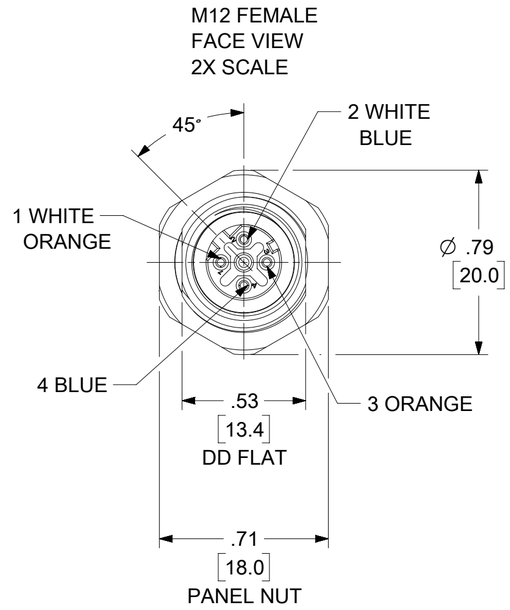
TOLERANCE CHART					
FINISH LENGTH [FT]		TOLERANCE [IN]	FINISH LENGTH [M]		TOLERANCE [mm]
OVER	UNDER		OVER	UNDER	
0.00	.167	N/A	0.0	0.05	NA
.167	.500	+.63 -0	0.05	0.15	+16 -0
.500	1.00	+.75 -0	0.15	0.3	+19 -0
1.00	3.00	+1.75 -0	0.3	0.9	+44.5 -0
3.00	6.00	+2.19 -0	0.9	1.8	+55.6 -0
6.00	12.00	+3.50 -0	1.8	3.7	+88.8 -0
12.00	24.00	+6.50 -0	3.7	7.3	+165.1 -0
24.00	48.00	+12.50 -0	7.3	21.9	+317.5 -0
48.00	96.00	+24.50 -0	21.9	29.3	+622.3 -0
96.00	~	+2.00% -0	29.3	~	+2% OF FIN LGTH

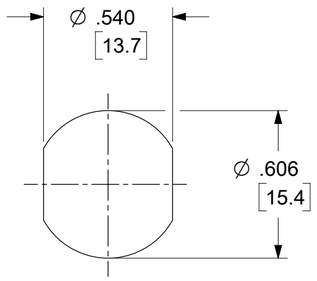




RJ45 PLUG
FACE VIEW
2X SCALE





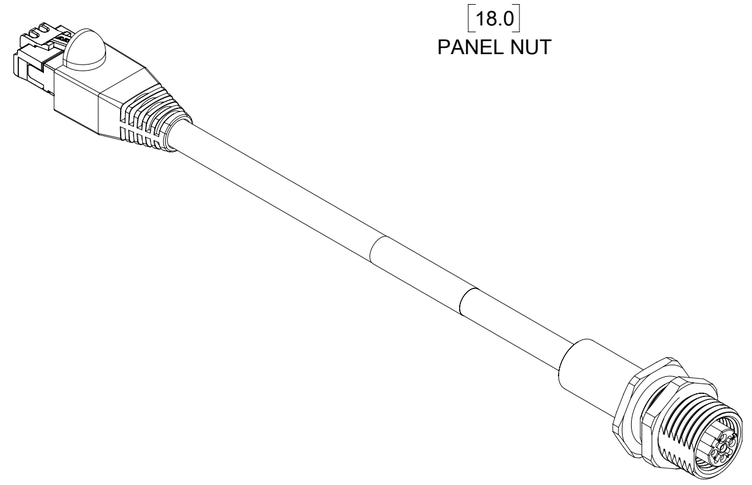


REF. PANEL KNOCKOUT

RJ45 M12 RECEPT

1	WHITE/ORANGE	1
2	WHITE/BLUE	2
3	ORANGE	3
6	BLUE	4

WIRE DIAGRAM



NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 125V
   CURRENT: 1.5A
4. TEMP RATING: -25°TO +75°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL RECOGNIZED FILE: E200650
7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

ITEM	DESCRIPTION	MATERIAL	FINISH	
12	WRAP LABEL	VINYL	YELLOW	B
11	POTTING MATERIAL	EPOXY	BLACK	
10	RJ-45 PLUG, SHIELDED	PHOS-BRNZ CONT.	GOLD PLATED	
9	RJ-45 BOOT	PVC	BLACK	
8	PANEL NUT	BRASS	NICKEL PLATED	
7	O-RING (PANEL)	VITON	BLACK	
6	O-RING (MATING)	VITON	RED	
5	CONTACT SOCKET	Cu ALLOY	GOLD PLATED	
4	INSERT (D-CODE)	NYLON	BLACK	B
3	SLEEVE	BRASS	NICKEL PLATED	
2	RECEPTACLE SHELL	BRASS	NICKEL PLATED	
1	CABLE, 24AWG, 2 PAIR	PVC JACKET	TEAL	

DOCUMENT STATUS	P1	RELEASE DATE	2024/11/18 16:24:32

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: 1.5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACES	± ---	± ---
ANGULAR TOL	± ---	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: INSERT MATERIAL CHANGED FROM PUR TO NYLON. ITEM-12 FINISH WAS BLACK/YELLOW

EC NO: 800747
DRWN: ABENJAMINLW 2024/09/06
CHK'D: LESPINOZA 2024/10/10
APPR: BWOODMAN 2024/11/18

INITIAL REVISION:
DRWN: RSTONE 2020/04/09
APPR: BWOODMAN 2020/06/08

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 130054

molex

MICRO-CHANGE RECEPTACLE TO RJ45 PLUG
PG9 MOUNTING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1300540040	PSD	000	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N CHART	GENERAL MARKET	1 OF 1

FORMAT: IN-master-tb-prod-C
REVISION: D1
DATE: 2021/05/01