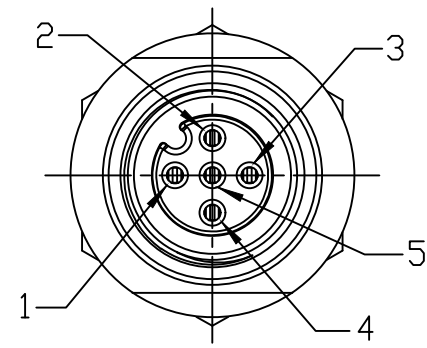
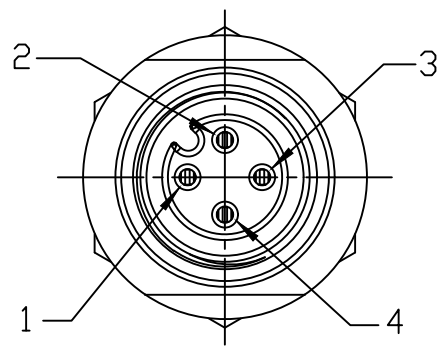
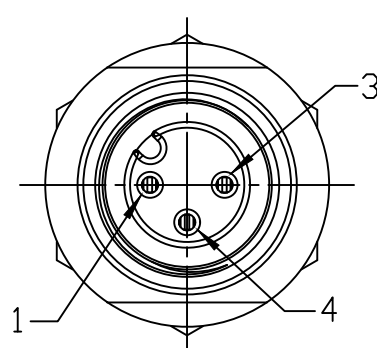


FACE VIEW - FEMALE INSERT



1 BROWN
3 BLUE
4 BLACK

1 BROWN
2 WHITE
3 BLUE
4 BLACK

1 BROWN
2 WHITE
3 BLUE
4 BLACK
5 GRAY

PART NUMBER LEGEND

8R3A00A18A1201

FINISHED LENGTH:
A120= 12 INCHES
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

```
- SHELL MATERIAL/FINISH
  BLANK= ALUMINUM/BLACK ANODIZED
  1 = 303 ST. STEEL
  3 = BRASS/NICKEL PLATE
  8 = 316 ST. STEEL
```

NOTES:

1. MATERIAL: SEE TABLE

2. FINISHES: SEE TABLE

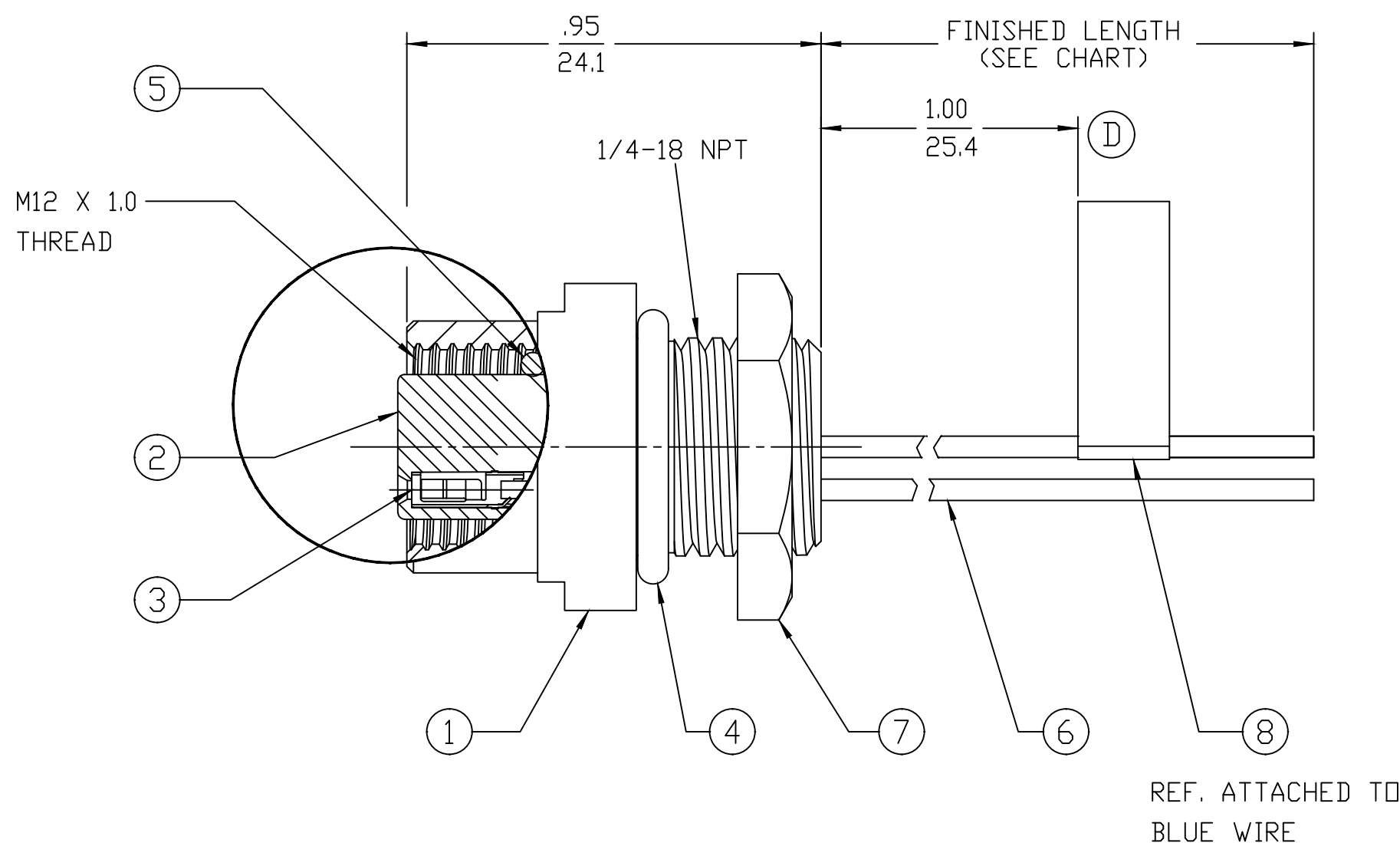
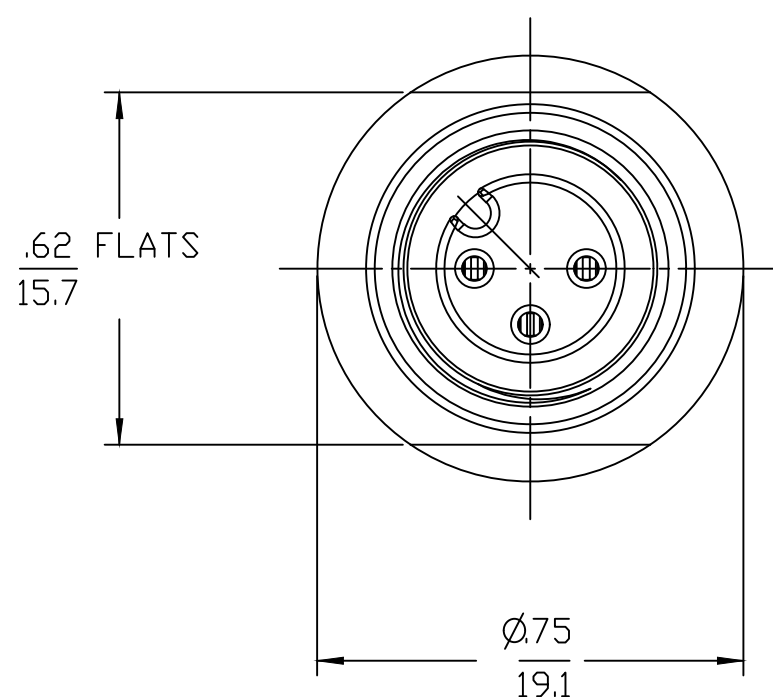
3. ELECTRICAL SPECIFICATIONS

VOLTAGE RATING: 250V

CURRENT RATING: 4 AMPS

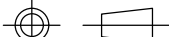
4. PROTECTION: IP67 (WHEN MATED)

5. DIMS SHOWN ARE FOR REFERENCE ONLY



8	FLAG LABEL	VINYL	BLACK/YELLOW
7	PANEL NUT	STEEL	ZINC PLATED
6	WIRE, 22-1	PVC INSULATED	SEE FACE VIEWS
5	O-RING (MATING)	VITON	RED
4	O-RING (PANEL)	NITRILE	BLACK
3	CONTACT SOCKET	Cu ALLOY	GOLD PLATED
2	INSERT, FEMALE	NYLON	BLACK
1	SHELL	SEE P/N LEGEND	SEE P/N LEGEND
ITEM	DESCRIPTION	MATERIAL	FINISH

CABLE LENGTH TOLERANCES
 <3M [1FT]: +19mm-0 [+ .75in-0]
 .3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
 .9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
 1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
 3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
 7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
 14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
 OVER 30M [100FT] +2% OF FINISHED LENGTH

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD NEW PN, UPDATE LENGTH PER MANUFACTURING DOC, ADD TOL BLOCK			molex		
	INCH/MM		NTS							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
		mm	INCH	EC NO: 690994 DRWN: CCHRASTKA 2022/01/05 CHK'D: RSTONE 2022/01/07 APPR: BWOODMAN 2022/01/07			MICRO-CHANGE RECEPTACLE M12 FEMALE, 22 AWG 1/4 NPT FRONT PANEL MNT			
	4 PLACES	± ----	± ----							
	3 PLACES	± ----	± ----							
	2 PLACES	± ----	± ----				PRODUCT CUSTOMER DRAWING			
	1 PLACE	± ----	± ----							
0 PLACES	± ----	± ----								
DIVISIONAL SYMBOLS	ANGULAR TOL ± °		APPR: JFMURPHY 2009/08/28			DOCUMENT NUMBER SD-120070-056		DOC TYPE PSD	DOC PART 001	REVISION D
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING C-SIZE	SERIES 120070	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	