

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

PART NUMBER	POLES	DESCRIPTION	FINISHED LENGTH
1200700056	3	8R3A00A18A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1200700114	4	8R4A00A18A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1200700201	5	8R5A00A18A120	12.0" +.75" -0 [0.3M +19.1MM -0]
1200700119	4	8R4A00A18M010	3.28' +2.19" -0 [1M +55.6MM -0]

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

REF. KNOCK-OUT HOLE

REF. ATTACHED TO BLUE WIRE

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

FINAL ASSEMBLY
1200700056 (SHOWN)

DOCUMENT STATUS

P1

RELEASE DATE

2022/01/07 19:51:21

FUNCTIONAL SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: ADD NEW PN, UPDATE LENGTH PER MANUFACTURING DOC, ADD TOL BLOCK	molex																		
FA=0 EC=0 EP=0	INCH/MM	NTS	EC NO: 690994 DRWN: CCHRASTKA 2022/01/05 CHK'D: RSTONE 2022/01/07 APPR: BWOODMAN 2022/01/07 INITIAL REVISION: DRWN: NKUMAR01 2009/08/27 APPR: JFMURPHY 2009/08/28	MICRO-CHANGE RECEPTACLE																		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			M12 FEMALE, 22 AWG 1/4 NPT FRONT PANEL MNT																		
	<table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES</td><td>±----</td><td>±----</td></tr><tr><td>3 PLACES</td><td>±----</td><td>±----</td></tr><tr><td>2 PLACES</td><td>±----</td><td>±----</td></tr><tr><td>1 PLACE</td><td>±----</td><td>±----</td></tr><tr><td>0 PLACES</td><td>±----</td><td>±----</td></tr></tbody></table>				mm	INCH	4 PLACES	±----	±----	3 PLACES	±----	±----	2 PLACES	±----	±----	1 PLACE	±----	±----	0 PLACES	±----	±----	PRODUCT CUSTOMER DRAWING
	mm	INCH																				
4 PLACES	±----	±----																				
3 PLACES	±----	±----																				
2 PLACES	±----	±----																				
1 PLACE	±----	±----																				
0 PLACES	±----	±----																				
DIVISIONAL SYMBOLS	ANGULAR TOL ± ---- °		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			C-SIZE	120070	SD-120070-056	PSD	001	D													
						SEE TABLE	GENERAL MARKET		SHEET NUMBER													
									1 OF 1													