

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1200700183	8R4006A18A060	6 IN [0.5FT]
1200700185	8R4006A18A1201	12 IN [1FT]
1200700186	8R4006A18F040	4FT [1.2M]
1200704010	8R4006A18M120	12M [39FT 4 IN]

PART NUMBER LEGEND (A1)

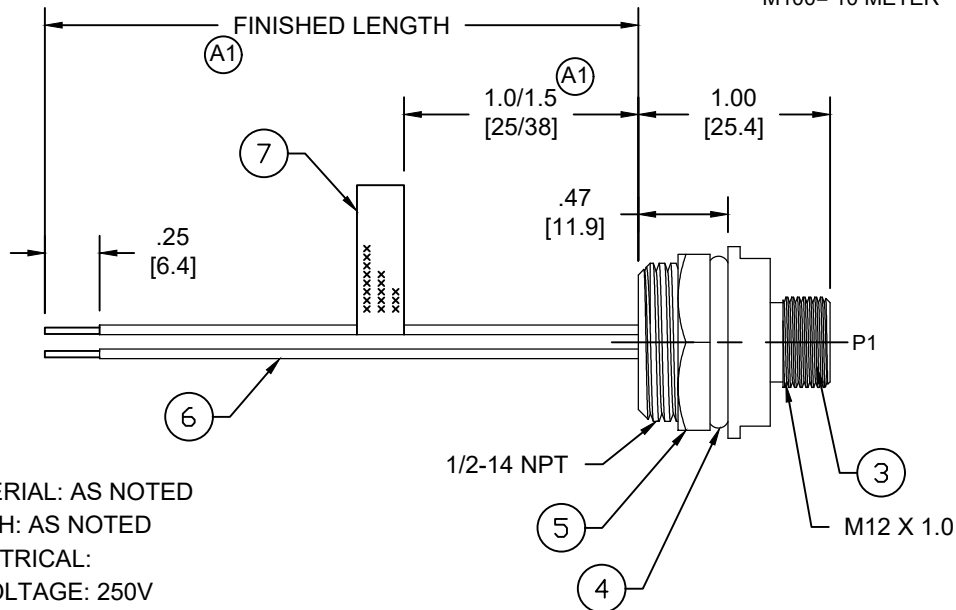
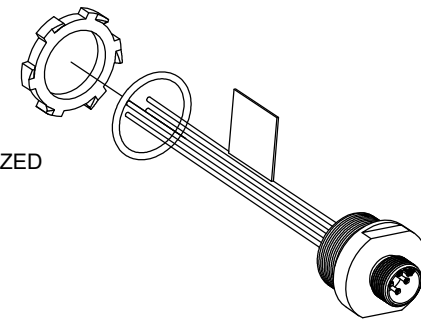
8R4006A18A1201

FINISHED LENGTH:

A120= 12 INCHES
F010= 1 FEET
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

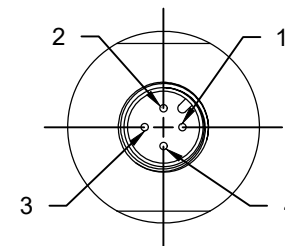
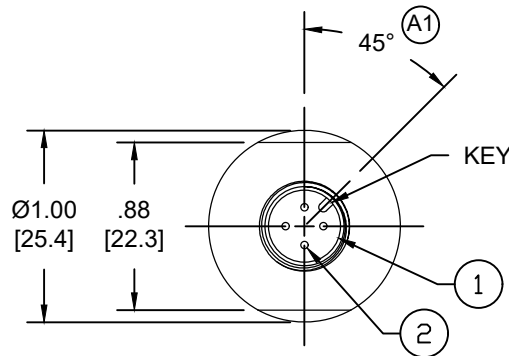
SHELL MATERIAL/FINISH:

BLANK= ALUMINUM/BLACK ANODIZED
1= 303 STAINLESS STEEL

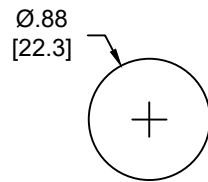


NOTES:

- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
- TEMP RATING: -20°C TO +80°C
- PROTECTION: IP67 (WHEN MATED)
- UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



MALE FACE VIEW



TYPICAL KNOCKOUT HOLE

	P1
BROWN	1
WHITE	2
BLUE	3
BLACK	4

WIRING DIAGRAM

(A1)

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

7	FLAG LABEL	VINYL	CLEAR/YELLOW
6	CONDUCTOR -22AWG, 26 x #36 STRANDING, 300 VOLTS	PVC	SEE WIRING DIAGRAM
5	LOCKNUT	STEEL	ZINC PLATED
4	O-RING	NITRILE	BLACK
3	RECEPTACLE SHELL	SEE P/N LEGEND	SEE P/N LEGEND
2	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
1	INSERT	NYLON	BLACK
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2024/02/20	14:59:12
-----------------	----	--------------	------------	----------

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: MODIFIED PN CHART & FINISHED LENGTH DIM. ADDED PN LEGEND, KEY ANGLE, CABLE TOL CHART & LABEL DIM.	
	DIMENSION UNITS	SCALE		
	INCH/MM	NTS		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
DIVISIONAL SYMBOLS		mm	INCH	
	4 PLACES	±----	±----	
	3 PLACES	±----	±----	
	2 PLACES	±----	±----	
	1 PLACE	±----	±----	
	0 PLACES	±----	±----	
	ANGULAR TOL ± ---- °			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
		THIRD ANGLE PROJECTION	DRAWING	SERIES
			A-SIZE	120070
		EC NO: 775458	DRWN: ABENJAMINLW	2024/01/24
		CHK'D: PDODDAMANEMY	APPR: BWOODMAN	2024/01/29
		INITIAL REVISION:	DRWN: BWOODMAN	2009/03/31
			APPR: JFMURPHY	2009/04/08
		PRODUCT CUSTOMER DRAWING		
		DOCUMENT NUMBER	DOC TYPE	DOC PART
		SD-120070-005	PSD	001
		GENERAL MARKET		REVISION
				A1
		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		SEE CHART	GENERAL MARKET	1 OF 1