

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)

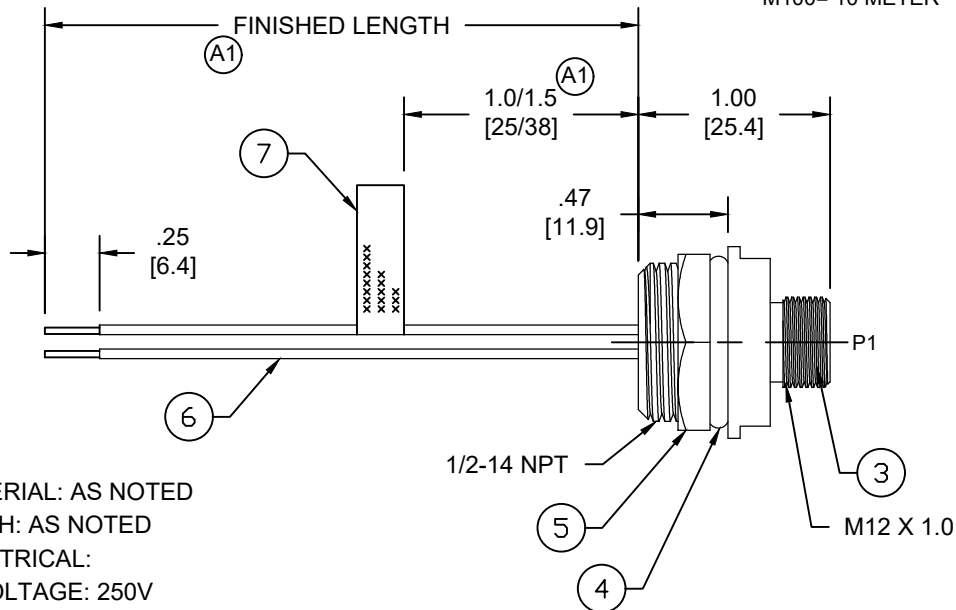
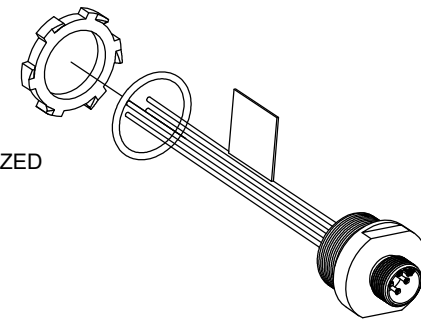
8R4006A18A1201

FINISHED LENGTH:

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

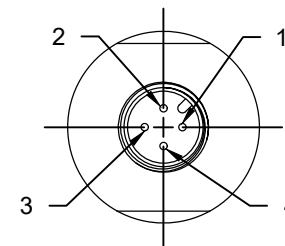
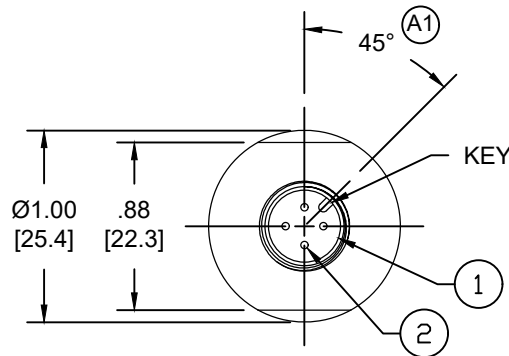
SHELL MATERIAL/FINISH:

BLANK= ALUMINUM/BLACK ANODIZED
1= 303 STAINLESS STEEL

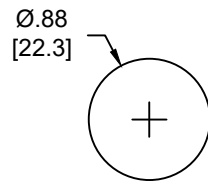


NOTES:

- 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
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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: MODIFIED PN CHART & FINISHED LENGTH DIM. ADDED PN LEGEND, KEY ANGLE, CABLE TOL CHART & LABEL DIM.			molex										
	INCH/MM		NTS															
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 775458			MICRO-CHANGE RECEPTACLE, A-SIZE 4 POLE, MALE, STRAIGHT, SINGLE KEY, #22 AWG										
		mm	INCH															
	4 PLACES		±----	±----	DRWN: ABENJAMINLW			2024/01/24										
	3 PLACES		±----	±----	CHK'D: PDODDAMANEMY			2024/01/29										
	2 PLACES		±----	±----	APPR: BWOODMAN			2024/02/20										
	1 PLACE		±----	±----	INITIAL REVISION:			PRODUCT CUSTOMER DRAWING										
	0 PLACES		±----	±----	DRWN: BWOODMAN						2009/03/31							
		ANGULAR TOL ± ---- °			APPR: JFMURPHY						2009/04/08							
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
							A-SIZE		120070		SD-120070-005		PSD		001		A1	
											MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE CHART		GENERAL MARKET				1 OF 1		

molex

MICRO-CHANGE RECEPTACLE, A-SIZE
4 POLE, MALE, STRAIGHT, SINGLE KEY,
#22 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120070-005	PSD	001	A1