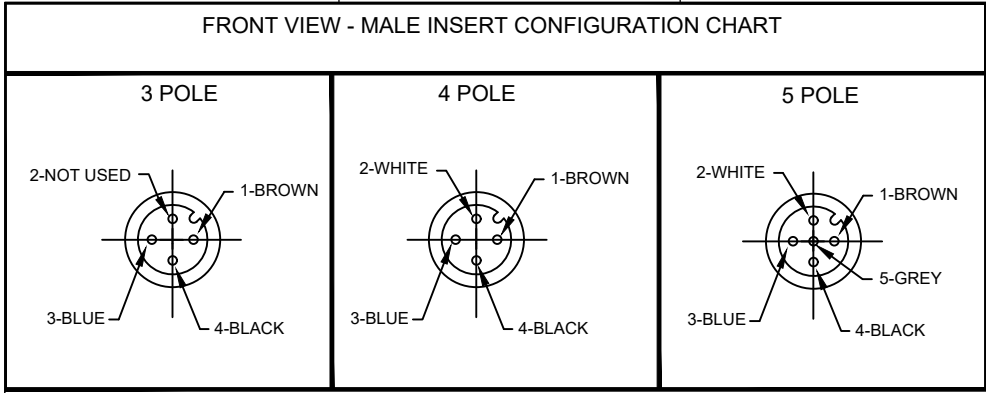
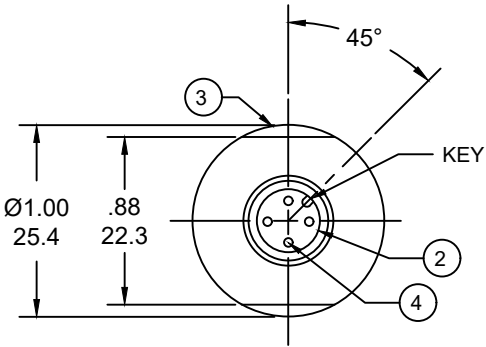


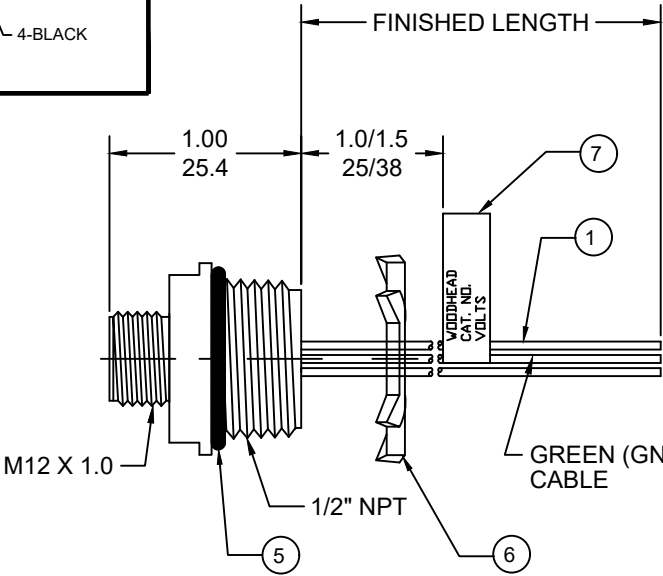


SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1200700088	8R3006A16A120	12 IN [1FT]
1200700501	8R5006A16M030	3M [9FT 10 IN]
1200700546	8R4006A16M100	10M [32FT 10 IN]

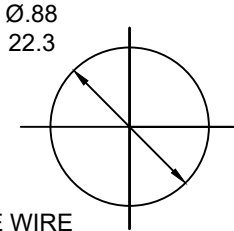


NOTES:

- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:
VOLTAGE: 3, 4 & 5P 250V
CURRENT: 4A
- TEMP RATING: -20°C TO +105°C
- PROTECTION: IP67 (WHEN MATED)
- UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



KNOCKOUT HOLE



PART NO. MATRIX

8R5006A16M030

POLES
(3, 4, 5)

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

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	LABEL	VINYL	BLACK/YELLOW
6	LOCKNUT	STEEL	ZINC PLATED
5	O-RING	NITRILE	BLACK
4	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	SHELL FM M12x1	ALUMINUM	BLACK ANODIZED
2	MALE INSERT	NYLON	BLACK
1	#18 WIRE UL1569	PVC	SEE FACE VIEW
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/15	20:43:14
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FUNCTIONAL SYMBOLS FA=0 FC=0 FP=0 DIVISIONAL 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: UPDATED TEMP RATING. ADDED TOL CHART. MODIFIED MATERIAL TABLE.			molex								
	INCH/MM		NTS													
	GENERAL TOLERANCES (UNLESS SPECIFIED)				MICRO-CHANGE RECEPTACLE, A-SIZE 3-5 POLE, MALE, STRAIGHT, SINGLE KEY, #18/3-5 AWG											
	mm		INCH													
	4 PLACES		±----		±----		PRODUCT CUSTOMER DRAWING									
	3 PLACES		±----		±----											
	2 PLACES		±----		±0.01											
	1 PLACE		±0.3		±----		INITIAL REVISION:			DOCUMENT NUMBER SD-120070-044			DOC TYPE PSD	DOC PART 001	REVISION A3	
	0 PLACES		±----		±----											
ANGULAR TOL ± 2.0 °				THIRD ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A-SIZE		120070		SEE CHART		GENERAL MARKET		1 OF 1		