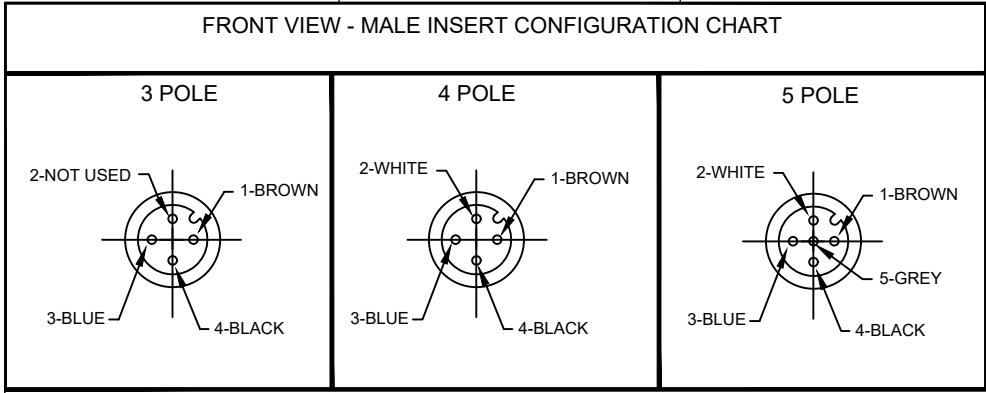
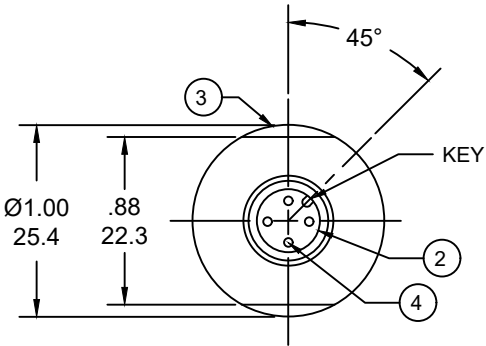


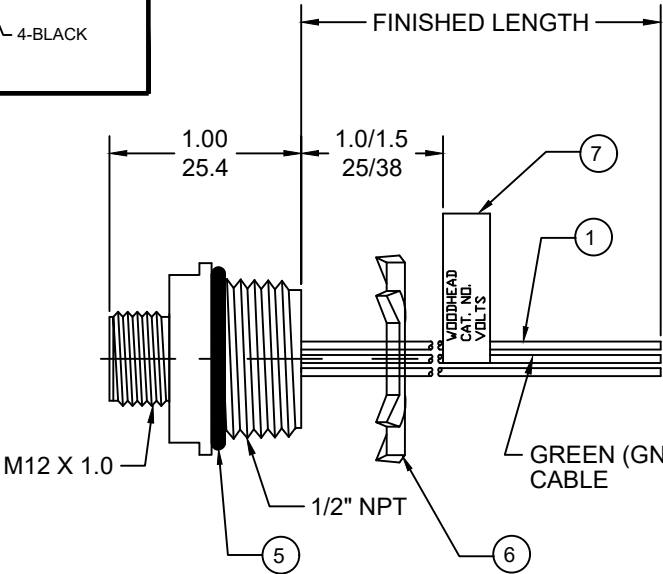


SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1200700088	8R3006A16A120	12 IN [1FT]
1200700501	8R5006A16M030	3M [9FT 10 IN]
1200700546	8R4006A16M100	10M [32FT 10 IN]

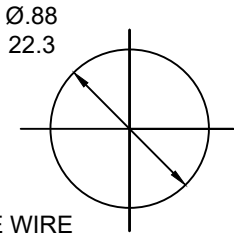


NOTES:

- 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 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 MICRO-CHANGE RECEPTACLE, A-SIZE 3-5 POLE, MALE, STRAIGHT, SINGLE KEY, #18/3-5 AWG							
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 643513 DRWN: ABENJAMINLW 2020/08/05 CHK'D: RSTONE 2020/08/28 APPR: BWOODMAN 2020/09/15 INITIAL REVISION: DRWN: RSTONE 2012/11/07 APPR: JFMURPHY 2013/02/07			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-120070-044 DOC TYPE PSD DOC PART 001 REVISION A3							
	mm		INCH												
	4 PLACES ±----		±----												
	3 PLACES ±----		±----												
	2 PLACES ±----		±0.01												
	1 PLACE ±0.3		±----												
	0 PLACES ±----		±----												
ANGULAR TOL ± 2.0 °															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A-SIZE		SERIES 120070		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	

molex

MICRO-CHANGE RECEPTACLE, A-SIZE
3-5 POLE, MALE, STRAIGHT, SINGLE KEY,
#18/3-5 AWG