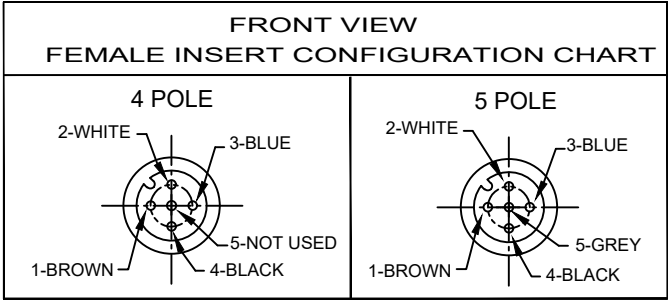
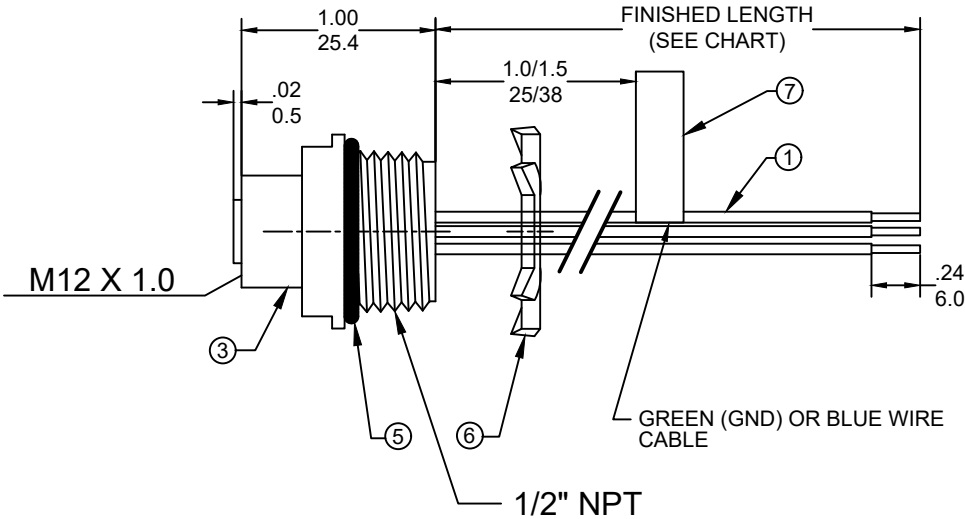


- NOTES:
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
VOLTAGE: 4 & 5P 250V
CURRENT: 4A
 - TEMP RATING: -20°C TO +105°C (A3)
 - PROTECTION: IP67 (WHEN MATED)
 - UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
 - ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

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	ZINC DIE CAST	YELLOW
2	FEMALE INSERT	NYLON	BLACK
1	WIRE #18 (UL1569)	PVC	SEE FACE VIEW
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/09/15	20:43:13
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SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1200700168	8R4000A16M005	0.5M [1FT 8 IN]
1200704013	8R5000A16M030	3M [9FT 10 IN]
1200700172	8R4000A16M060	6M [19FT 8 IN]



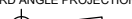
PART NO. MATRIX
8R4000A16M005

POLES (4, 5)

LENGTH:
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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED 3P DETAILS. UPDATED TEMP RATING. ADDED TOL CHART. MODIFIED MATERIAL TABLE.			molex													
	INCH/MM		NTS																		
	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 643513 DRWN: ABENJAMINLW 2020/07/31 CHK'D: RSTONE 2020/08/28 APPR: BWOODMAN 2020/09/15													
	mm		INCH																		
DIVISIONAL SYMBOLS	4 PLACES		±----		±----		MICRO-CHANGE RECEPTACLE, A-SIZE, 4-5 POLE, FEMALE, STRAIGHT, SINGLE KEY, 18 AWG														
	3 PLACES		±----		±----																
	2 PLACES		±----		±0.01		PRODUCT CUSTOMER DRAWING														
	1 PLACE		±0.3		±----																
	0 PLACES		±----		±----								DOCUMENT NUMBER			DOC TYPE		DOC PART		REVISION	
	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							

molex

MICRO-CHANGE RECEPTACLE, A-SIZE,
4-5 POLE, FEMALE, STRAIGHT, SINGLE KEY,
18 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120070-043	PSD	001	A3