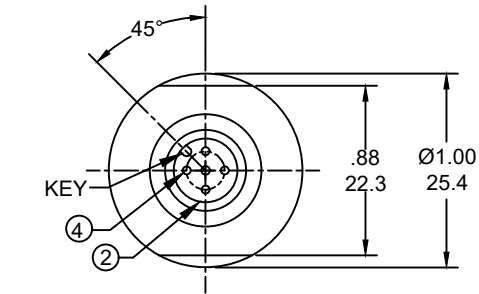
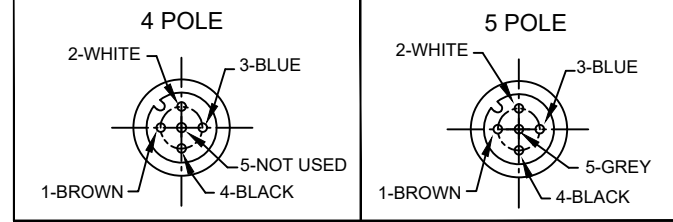


FRONT VIEW
FEMALE INSERT CONFIGURATION CHART

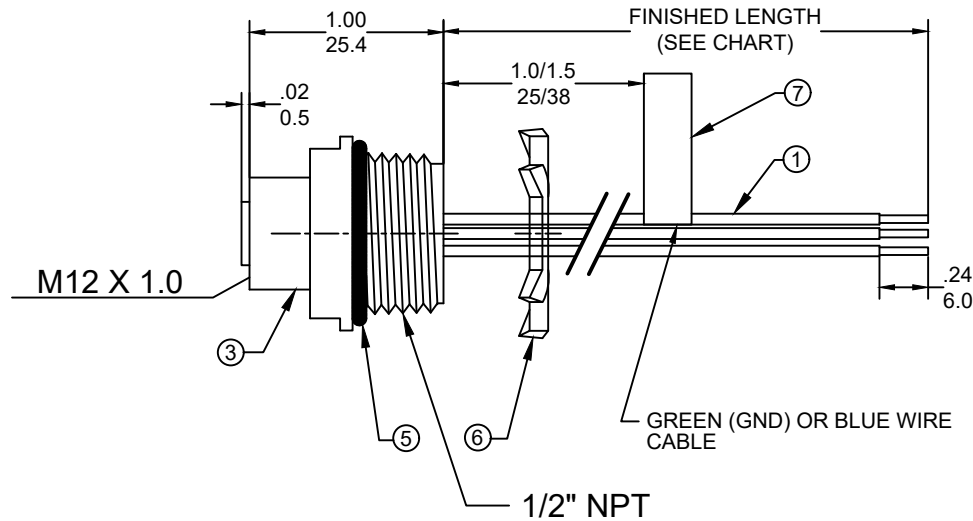


NOTES:

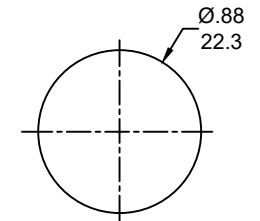
- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:
VOLTAGE: 4 & 5P 250V
CURRENT: 4A
- TEMP RATING: -20°C TO +105°C (A3)
- PROTECTION: IP67 (WHEN MATED)
- UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

(A3)

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]



KNOCKOUT HOLE



(A3)

PART NO. MATRIX

8R4000A16M005

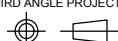
POLES
(4, 5)

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

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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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FUNCTIONAL SYMBOLS FA=0 FC=0 FP=0	DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED 3P DETAILS. UPDATED TEMP RATING. ADDED TOL CHART. MODIFIED MATERIAL TABLE. EC NO: 643513 DRWN: ABENJAMINLW 2020/07/31 CHK'D: RSTONE 2020/08/28 APPR: BWOODMAN 2020/09/15 INITIAL REVISION: DRWN: RSTONE 2012/11/05 APPR: JFMURPHY 2013/02/07 THIRD ANGLE PROJECTION 			molex MICRO-CHANGE RECEPTACLE, A-SIZE, 4-5 POLE, FEMALE, STRAIGHT, SINGLE KEY, 18 AWG						
		INCH/MM		NTS											
		GENERAL TOLERANCES (UNLESS SPECIFIED)													
			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				DRAWING A-SIZE		SERIES 120070		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE CHART										GENERAL MARKET		1 OF 1			
DOCUMENT NUMBER										DOC TYPE		DOC PART		REVISION	
SD-120070-043										PSD		001		A3	

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

DATE: 2020/01/14	6	5	4	3	2	1
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