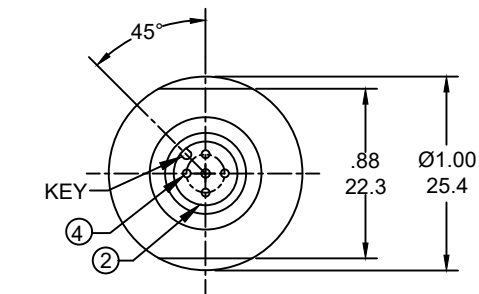
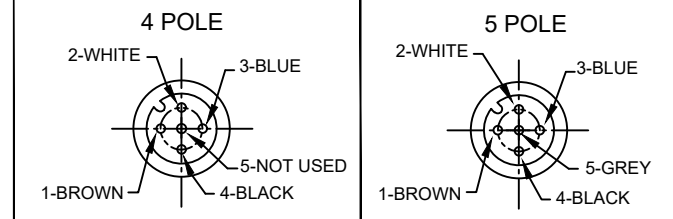


FRONT VIEW
FEMALE INSERT CONFIGURATION CHART



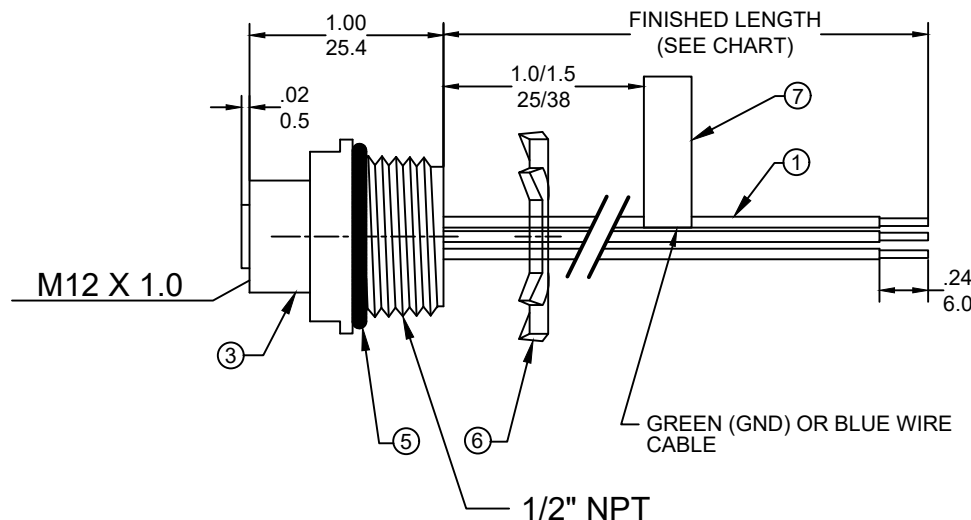
NOTES:

- 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

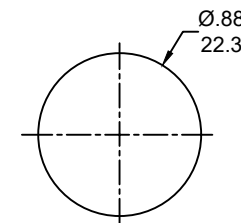
7	LABEL	VINYL	BLACK/YELLOW
6	LOCKNUT	STEEL	ZINC PLATED
5	O-RING	NITRILE	BLACK
4	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	SHELL FM M12x1	ZINC DIE CAST	YELLOW
2	FEMALE INSERT	NYLON	BLACK
1	WIRE #18 (UL1569)	PVC	SEE FACE VIEW
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS P1 RELEASE DATE 2020/09/15 20:43:13

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



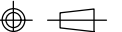
PART NO. MATRIX

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

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: REMOVED 3P DETAILS. UPDATED TEMP RATING. ADDED TOL CHART. MODIFIED MATERIAL TABLE.					molex MICRO-CHANGE RECEPTACLE, A-SIZE, 4-5 POLE, FEMALE, STRAIGHT, SINGLE KEY, 18 AWG PRODUCT CUSTOMER DRAWING														
	INCH/MM		NTS																					
	GENERAL TOLERANCES (UNLESS SPECIFIED)																							
			mm		INCH		EC NO: 643513					DRWN: ABENJAMINLW 2020/07/31 CHK'D: RSTONE 2020/08/28 APPR: BWOODMAN 2020/09/15												
	4 PLACES		±----		±----																			
	3 PLACES		±----		±----																			
	2 PLACES		±----		±0.01		APPR: BWOODMAN 2020/09/15					INITIAL REVISION: DRWN: RSTONE 2012/11/05 APPR: JFMURPHY 2013/02/07												
	1 PLACE		±0.3		±----																			
	0 PLACES		±----		±----																			
ANGULAR TOL		± 2.0 °							THIRD ANGLE PROJECTION 															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							DRAWING A-SIZE										SERIES 120070		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	

molex

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

PRODUCT CUSTOMER DRAWING

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