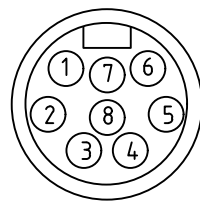
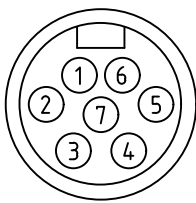
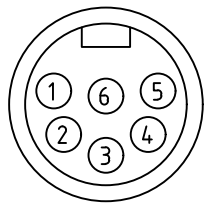


FACE VIEW-MALE INSERT



1 ORANGE
2 BLUE
3 BLACK
4 WHITE
5 RED
6 GREEN/YELLOW

1 WHITE/BLACK
2 BLACK
3 WHITE
4 RED
5 ORANGE
6 BLUE
7 GREEN/YELLOW

1 ORANGE
2 BLUE
3 WHITE/BLACK
4 BLACK
5 WHITE
6 RED
7 GREEN/YELLOW
8 RED/BLACK

PART NO. MATRIX

2R7006A20M010

- POLES
6-8

- FINISHED LENGTH:
A120= 12 IN.
F060= 6 FEET
F120= 12 FEET

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

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

VOLTAGE: 6 THRU 8P 600V PER UL 2238

6P 400V PER IEC 60664

7 & 8P 320V PER IEC 60664

CURRENT: 6 & 7 POLE: 8A

8 POLE: 7A

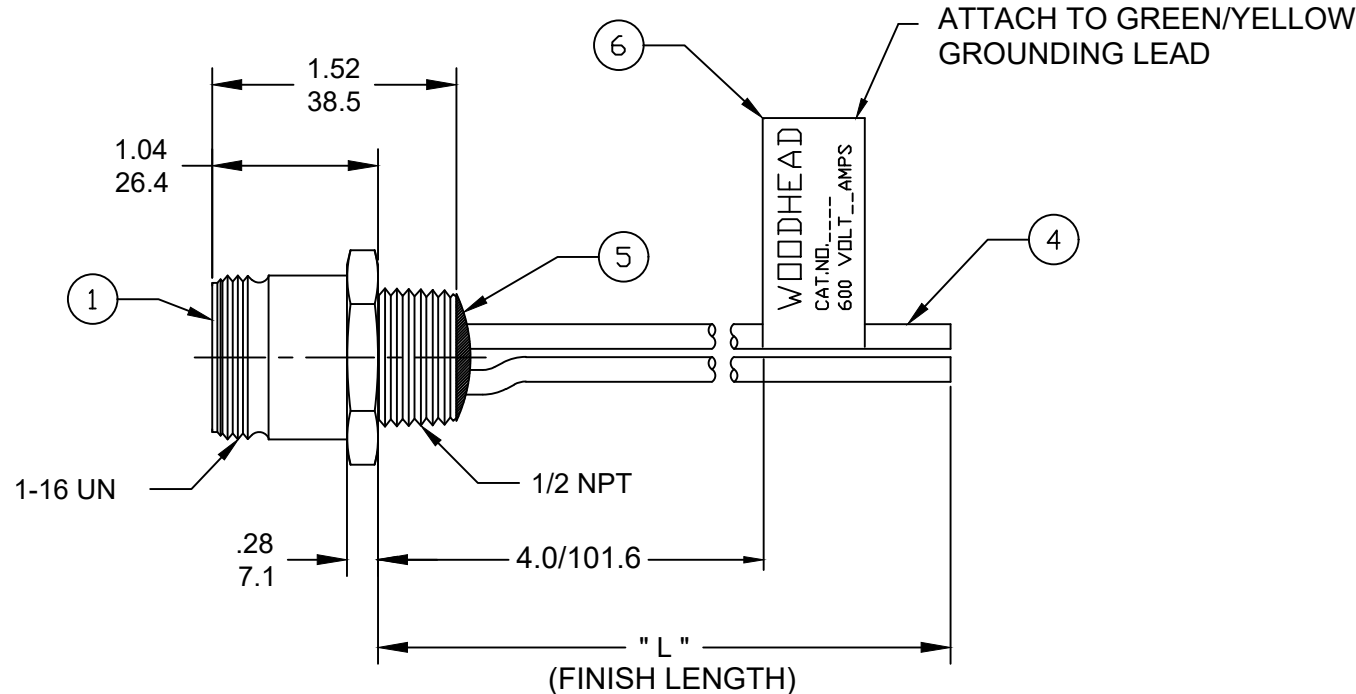
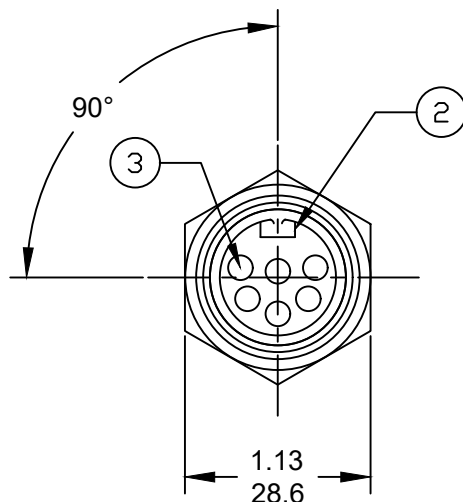
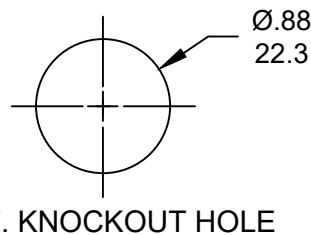
4. TEMP RATING: -20°TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. UL LISTED, FILE: E152210

CSA CERTIFIED, FILE: LR6837 (B)

7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

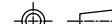


PART NO	ENGINEERING NO.	FINISHED LENGTH
1300140025	2R6006A20A120	12 IN [0.3M]
1300140149	2R7006A20F300	30 FT [9.1M]
1300140058	2R7006A20M005	0.5M [1.6 FT]

6	LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPOXY	
4	WIRE, 16 AWG UL (1015)	PVC INSULATION	SEE FACE VIEW
3	CONTACT PIN	COPPER ALLOY	GOLD PLATED
2	INSERT	TPE	YELLOW
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/07/06	13:31:29
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FORMAT: ACAD-1b-prod-
REVISION: B
DATE: 2020/01/14

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: ITEM #2 WAS PVC, ADDED CSA IN NOTES & MODIFIED MATERIAL TABLE					molex								
	INCH/MM		---															
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 640359					MINI-CHANGE RECEPTACLE, B-SIZE, 6 TO 8 POLE, MALE, STRAIGHT, SINGLE KEY, 16 AWG								
		mm	INCH															
	4 PLACES ±----				DRWN: ABENJAMINLW					2020/05/18								
	3 PLACES ±----				CHK'D: RSTONE					2020/06/26								
	2 PLACES ±----				APPR: BWOODMAN					2020/07/06								
	1 PLACE ±----				INITIAL REVISION:					PRODUCT CUSTOMER DRAWING								
	0 PLACES ±----				DRWN: RSTONE										2016/12/07			
ANGULAR TOL ± 0.5 °				APPR: BWOODMAN					2017/01/16									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING B-SIZE		SERIES 130014		MATERIAL NUMBER SEE_CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1				