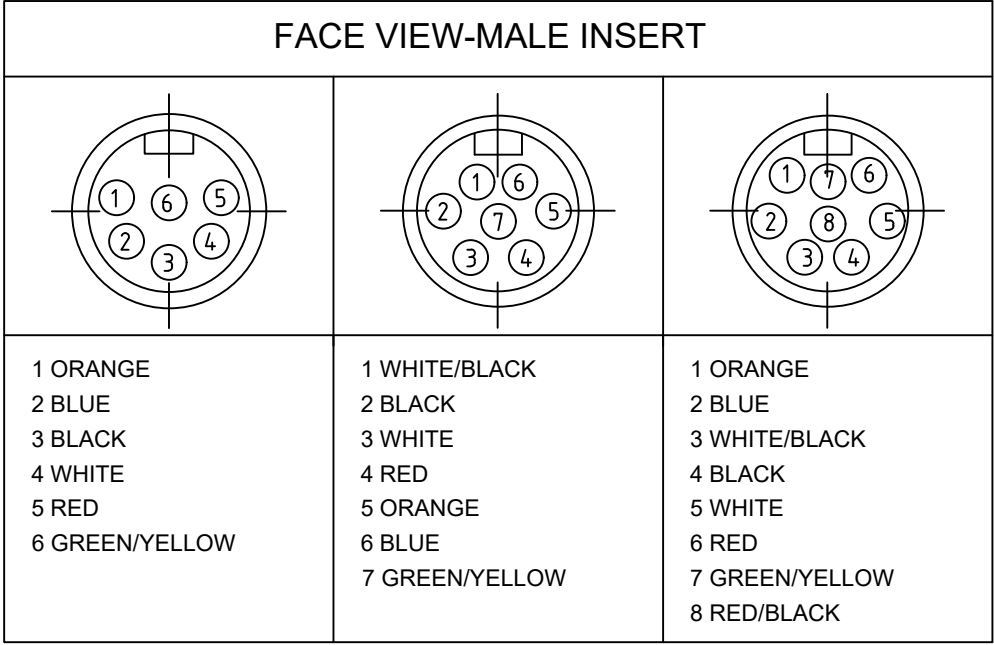




PART NO. MATRIX

2R7006A20M010

POLES
6-8

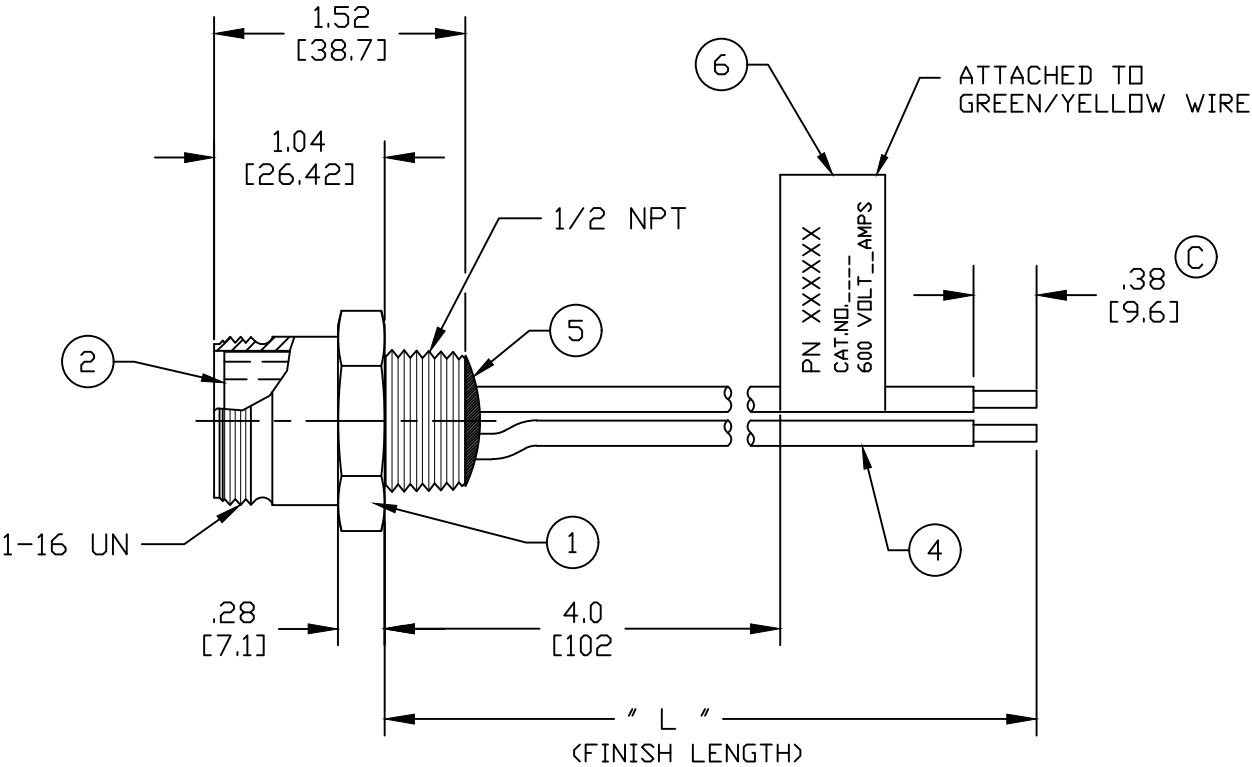
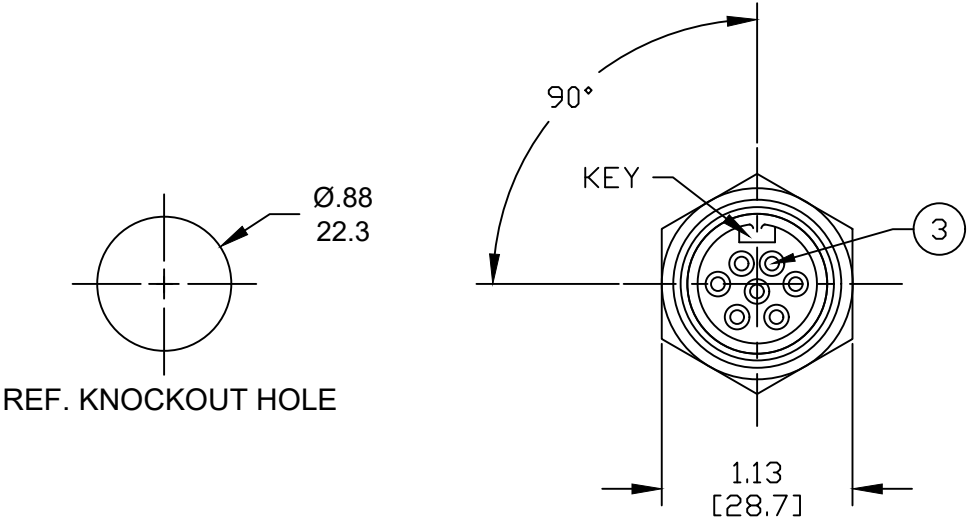
FINISHED LENGTH:
A120= 12 IN.
F060= 6 FEET
F120= 12 FEET

M005= 0.5 METER
M010= 1 METER
M100= 10 METER

Ⓒ

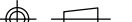
CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +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
 7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



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

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]

FUNCTIONAL SYMBOLS F A=0 F C=0 F P=0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
	DIMENSION UNITS INCH/MM		SCALE 1:1		CURRENT REV DESC: ADDED .38 WIRE STRIP, CORRECT CABLE LENGTH TOL. BLOCK, UPDATE BORDER			molex										
	GENERAL TOLERANCES (UNLESS SPECIFIED)																	
	mm		INCH		EC NO: 721990			MINI-CHANGE RECEPTACLE, B-SIZE, 6 TO 8 POLE, MALE, STRAIGHT, SINGLE KEY, 16 AWG										
	4 PLACES	±----	±----	±----							DRWN: RSTONE	2022/09/19						
	3 PLACES	±----	±----	±----	CHK'D: ALEON01	2022/09/23												
	2 PLACES	±----	±----	±----	APPR: BWOODMAN	2022/09/23												
	1 PLACE	±----	±----	±----	INITIAL REVISION:			PRODUCT CUSTOMER DRAWING										
	0 PLACES	±----	±----	±----	DRWN: RSTONE	2016/12/07												
	ANGULAR TOL ± ---- °				APPR: BWOODMAN			2017/01/16	DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							B-SIZE		130014				GENERAL MARKET		1 OF 1			