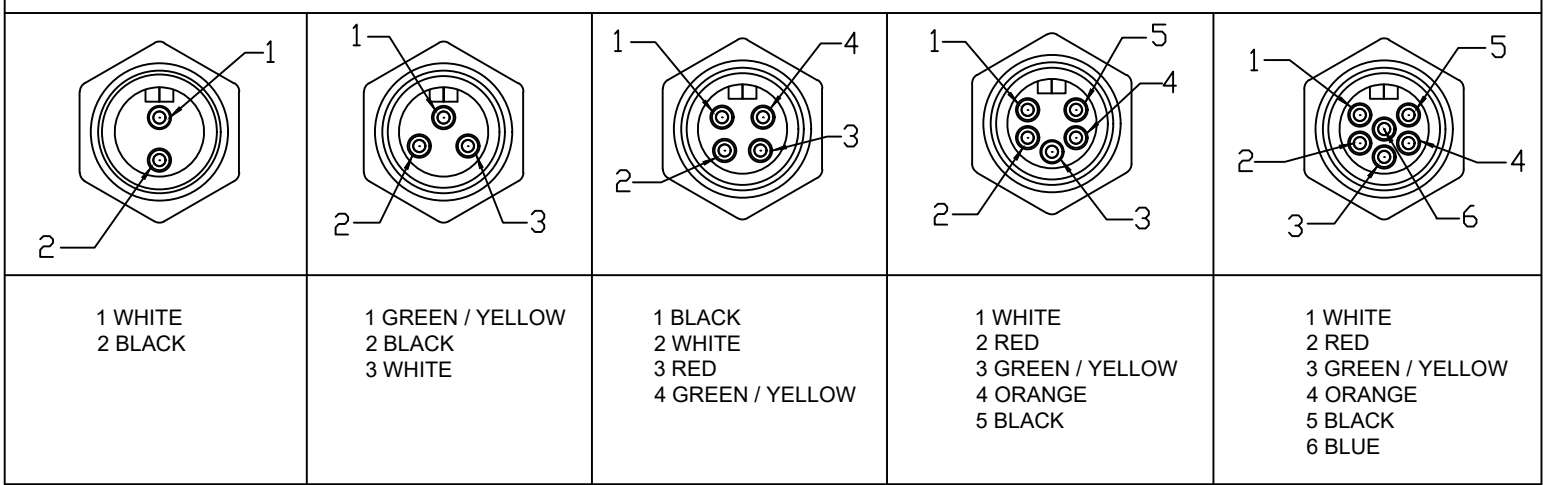


FACE VIEW - MALE INSERT



PART NO. MATRIX

1R3006A20F020

POLES
2-6

— FINISHED LENGTH:

A120= 12 IN.

F020= 2 FEET

F100= 10 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: 2 THRU 6P 600V PER UL 2238

2 & 3P 500V PER IEC 60664

4P 483V PER IEC 60664

5 & 6P 400V PER IEC 60664

CURRENT: 2 & 3 POLE: 13A

4 POLE: 10A

5 & 6 POLE: 8A

4. TEMP RATING: -20°TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. UL RECOGNIZED, FILE: E152210 FOR 2 TO 6 POLE

CSA CERTIFIED FILE: LR6837 (D)

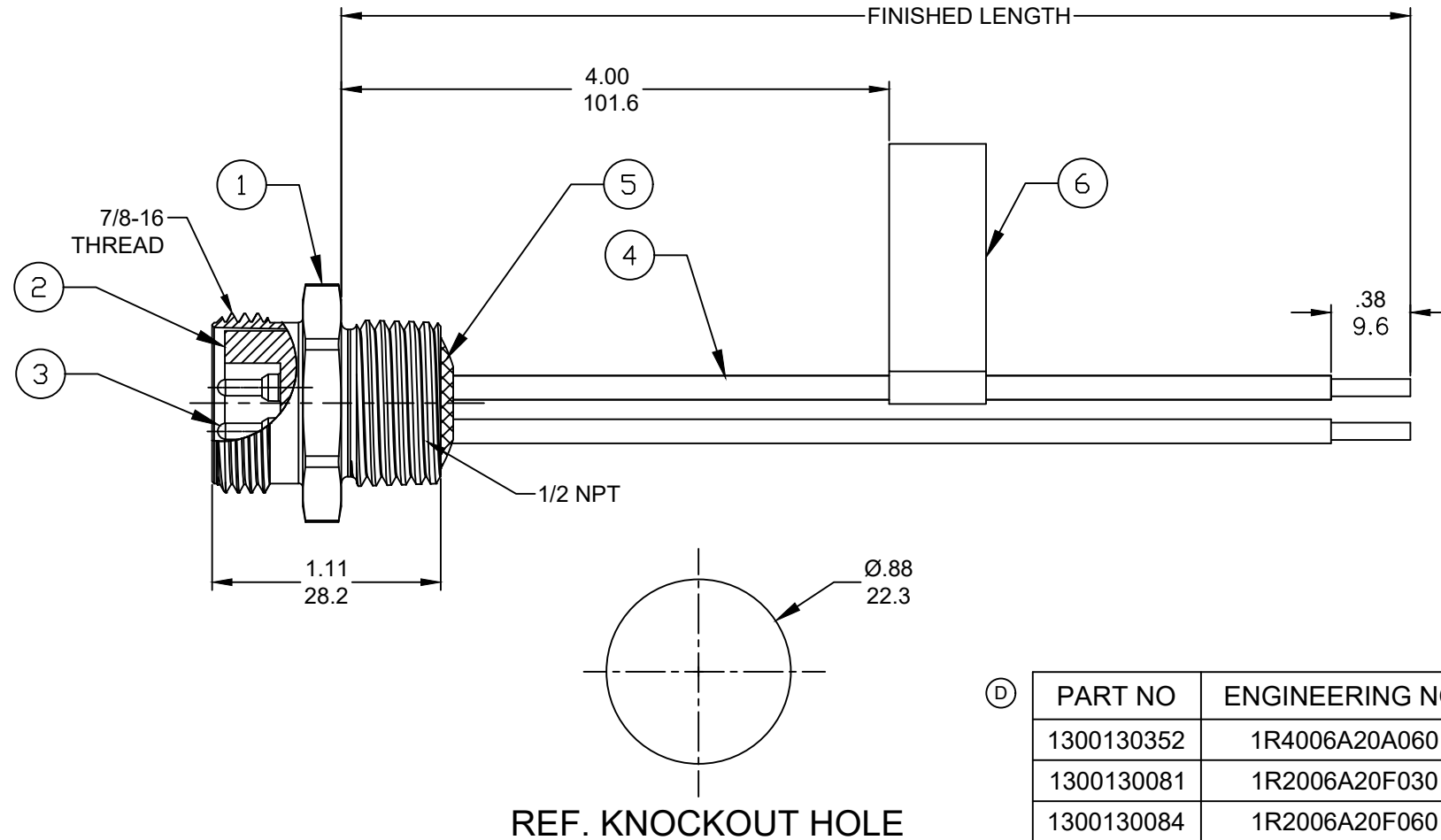
7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS

TOLERANCED OR NOTED OTHERWISE

6	LABEL	VINYL	BLACK/YELLOW
5	POTTING	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	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/07/27	17:35:17
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FORMAT: ACAD-ib-prod-B
REVISION: B
DATE: 2020/01/14



①	PART NO	ENGINEERING NO.	FINISHED LENGTH
	1300130352	1R4006A20A060	6 IN [0.15M]
	1300130081	1R2006A20F030	3 FT [0.9M]
	1300130084	1R2006A20F060	6 FT [1.8M]
	1300131166	1R5006A20M030	3.0M [9 FT 10 IN]
	1300130018	1R6006A20M040	4.0M [13 FT 1 IN]

FUNCTIONAL SYMBOLS =0 =0 =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		SCALE		CURRENT REV DESC: ITEM #2 WAS PVC, CSA ADDED IN NOTES & MATERIAL TABLE MODIFIED			molex							
	INCH/MM		----												
	GENERAL TOLERANCES (UNLESS SPECIFIED)							PRODUCT CUSTOMER DRAWING							
		mm	INCH												
	4 PLACES	±----	±----		EC NO: 641453			MINI CHANGE RECEPTACLE, A-SIZE 2 TO 6P, MALE, STRAIGHT, SINGLE KEY, 16 AWG							
	3 PLACES	±----	±----		DRWN: ABENJAMINLW 2020/05/21										
	2 PLACES	±----	±----		CHK'D: RSTONE 2020/07/20										
	1 PLACE	±----	±----		APPR: BWOODMAN 2020/07/27			DOCUMENT NUMBER SD-130013-120							
	0 PLACES	±----	±----		INITIAL REVISION:							DOC TYPE		DOC PART	REVISION
ANGULAR TOL ± 1.0 °				DRWN: RSTONE 2016/08/01			PSD					001	D		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING B-SIZE		SERIES 130013		MATERIAL NUMBER SEE_CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	