



## FACE VIEW - MALE INSERT

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

## PART NO. MATRIX

1R3006A20F020

POLES  
2-6FINISHED LENGTH:  
A120= 12 IN.  
F020= 2 FEET  
F100= 10 FEETM005= 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 &amp; 3P 500V PER IEC 60664

4P 483V PER IEC 60664

5 &amp; 6P 400V PER IEC 60664

CURRENT: 2 &amp; 3 POLE: 13A

4 POLE: 10A

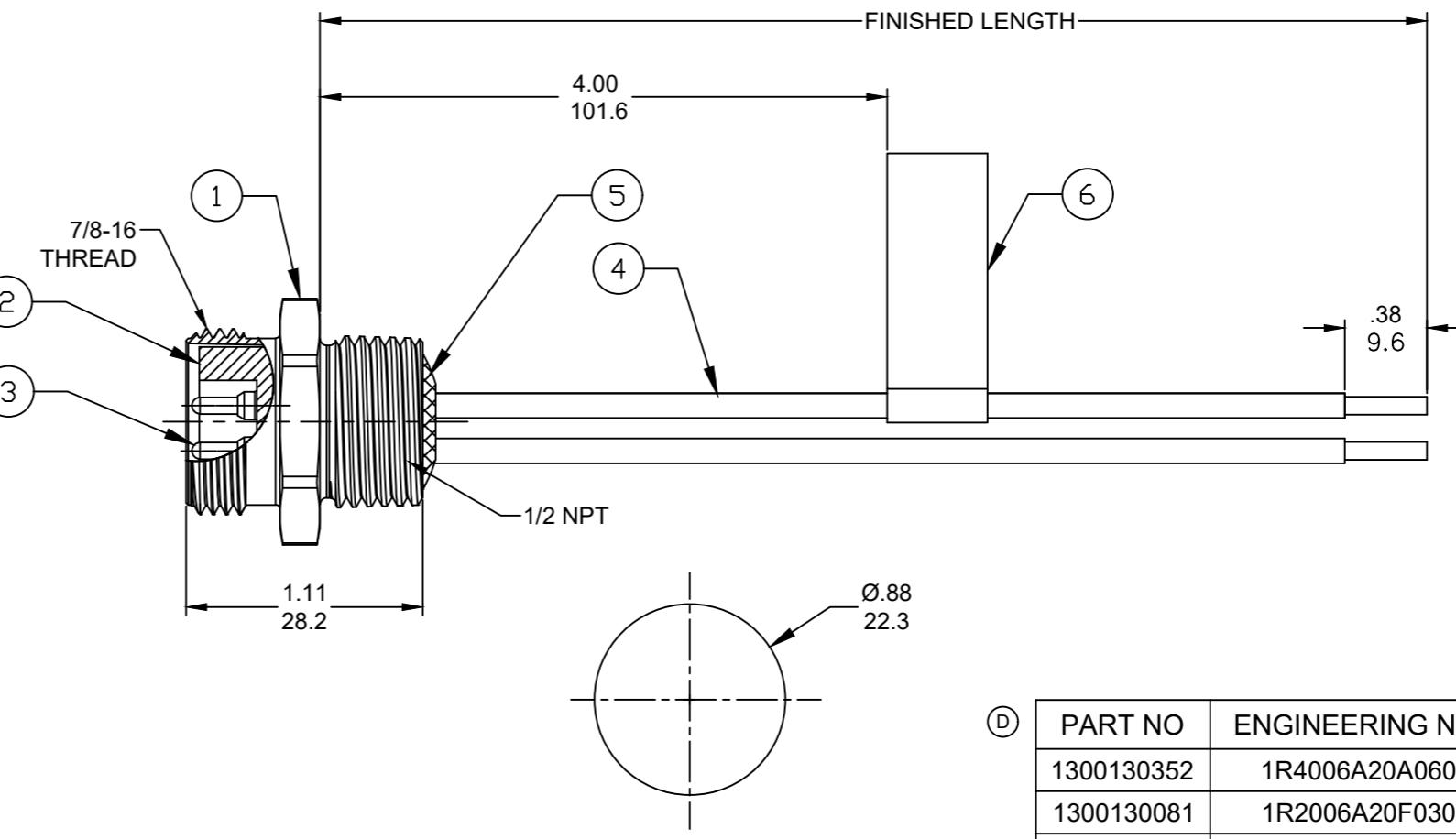
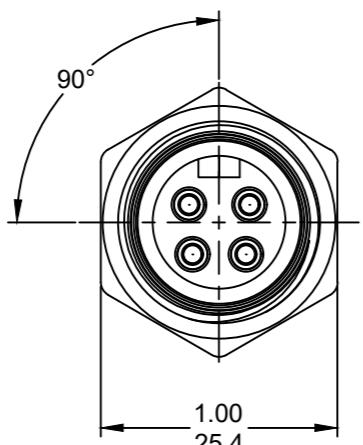
5 &amp; 6 POLE: 8A

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

REF. KNOCKOUT HOLE

PART NO	ENGINEERING NO.	FINISHED LENGTH	DRAWING		
			INCH/MM	SCALE	NOTES & MATERIAL TABLE MODIFIED
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]			

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

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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: ITEM #2 WAS PVC, CSA ADDED IN NOTES & MATERIAL TABLE MODIFIED
	INCH/MM	---	
			GENERAL TOLERANCES (UNLESS SPECIFIED)
	mm	INCH	
	4 PLACES	±---	4 PLACES
	3 PLACES	±---	3 PLACES
	2 PLACES	±---	2 PLACES
	1 PLACE	±---	1 PLACE
	0 PLACES	±---	0 PLACES
	ANGULAR TOL	± 1.0 °	ANGULAR TOL: ± 1.0 °
	DRAFT WHERE APPLICABLE	MUST REMAIN WITHIN DIMENSIONS	DRAFT WHERE APPLICABLE
			INITIAL REVISION:
			DRWN: RSTONE 2016/08/01
			APPR: TWOLDEGE 2016/08/19
	THIRD ANGLE PROJECTION	DRAWING	DOCUMENT NUMBER
		SERIES	SD-130013-120
			DOC TYPE PSD
			DOC PART 001
			REVISION D
			MATERIAL NUMBER
			CUSTOMER
			SEE_CHART
			GENERAL MARKET
			1 OF 1

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