

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300131178	1R3006A20A1208	12 IN [1FT]
1300130369	1R4006A20M0108	1M [3FT 3 IN]
1300131021	1R5006A20A1208	12 IN [1FT]
1300130602	1R6006A20F0208	2 FT [0.6M]

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		

FACE VIEW - MALE INSERT

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

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:

VOLTAGE: 600V PER UL 2238

3P 500V PER IEC 60664

4P 483V PER IEC 60664

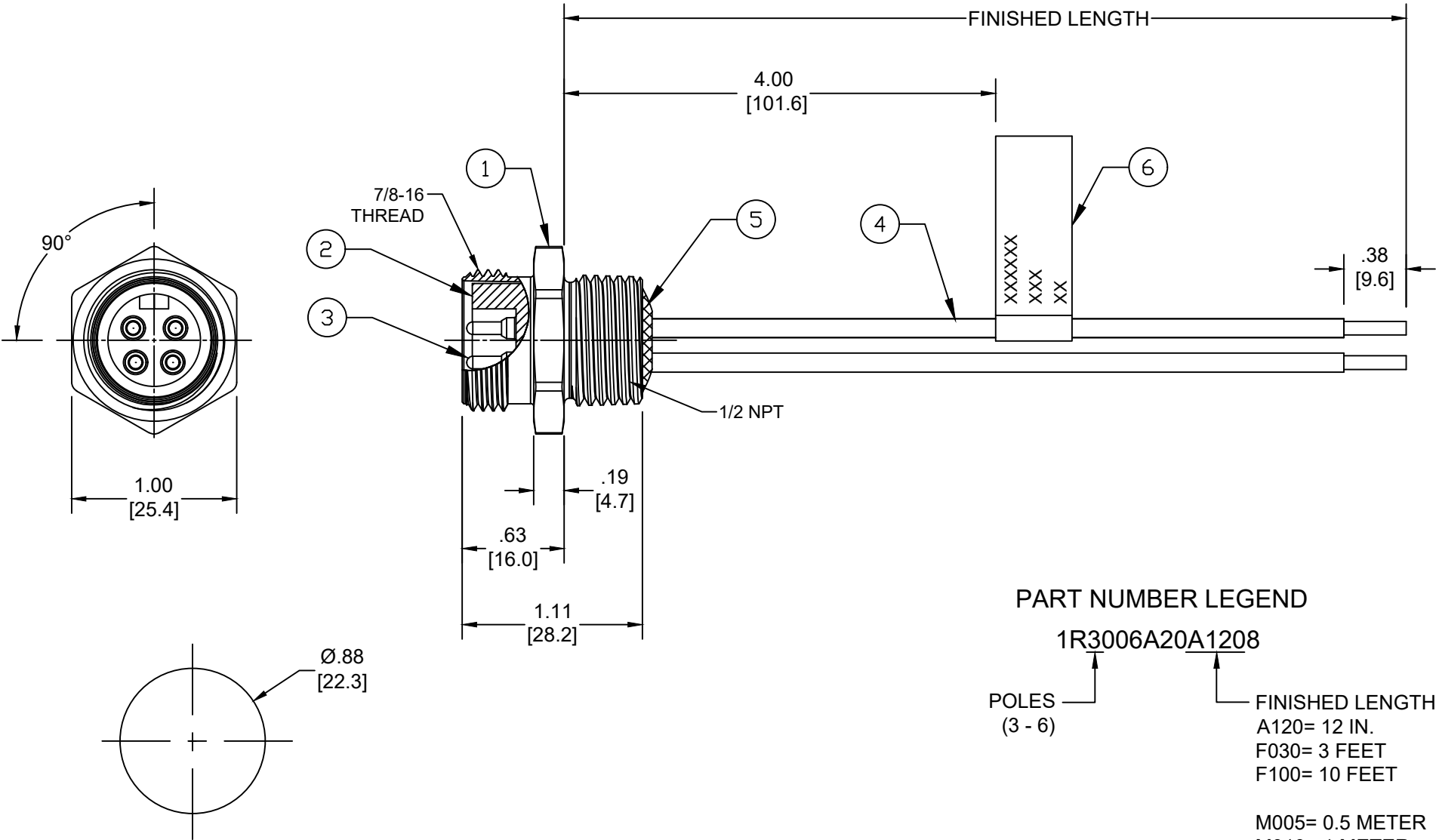
5P & 6P 400V PER IEC 60664

CURRENT: 3 POLE: 13A

4 POLE: 10A

5 & 6 POLE: 8A
4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67, IP69K (WHEN MATED)
6. UL RECOGNIZED FILE: E152210
- CSA CERTIFIED FILE: LR6837
7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

6	FLAG 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	STAINLESS STEEL 316	PASSIVATED
ITEM	COMPONENT	MATERIAL	FINISH



REF. KNOCKOUT HOLE

PART NUMBER LEGEND

1R3006A20A1208	
POLES (3 - 6)	FINISHED LENGTH: A120= 12 IN. F030= 3 FEET F100= 10 FEET
	M005= 0.5 METER M010= 1 METER M100= 10 METER

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: ADDED 5P & 6P DETAILS. MODIFIED PN TABLE. CORRECTED UL NUMBER. ADDED CSA IN NOTES			molex					
	INCH/MM		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
DIVISIONAL SYMBOLS	F_A =0				EC NO: 797107 DRWN: ABENJAMINLW 2024/09/02 CHK'D: PDODDAMANEMY 2024/09/03 APPR: BWOODMAN 2024/09/03			MINI CHANGE RECEPTACLE, A-SIZE 3 TO 6P, MALE, STRAIGHT, SINGLE KEY, #16 AWG					
	F_E =0												
	F_P =0												
	DIVISIONAL SYMBOLS							PRODUCT CUSTOMER DRAWING					
	1 PLACE				INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	0 PLACES				DRWN: CCHRASTKA 2020/06/11 APPR: BWOODMAN 2020/06/17			1300660076		PSD	000	A1	
ANGULAR TOL ± 1.0 °													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				B-SIZE		130066		SEE TABLE		GENERAL MARKET		1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/03	15:23:54
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