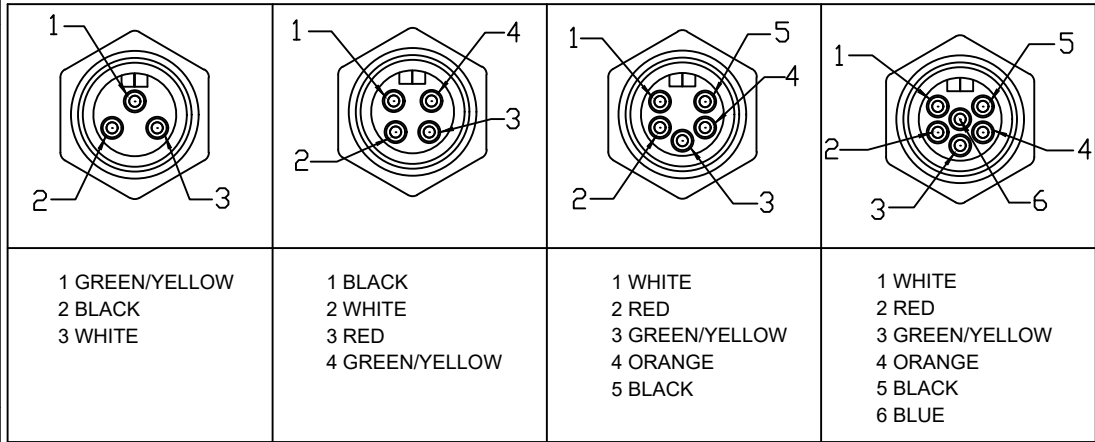


MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300131021	1R5006A20A1208	12 IN [1FT]
1300130602	1R6006A20F0208	2 FT [0.6M]

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

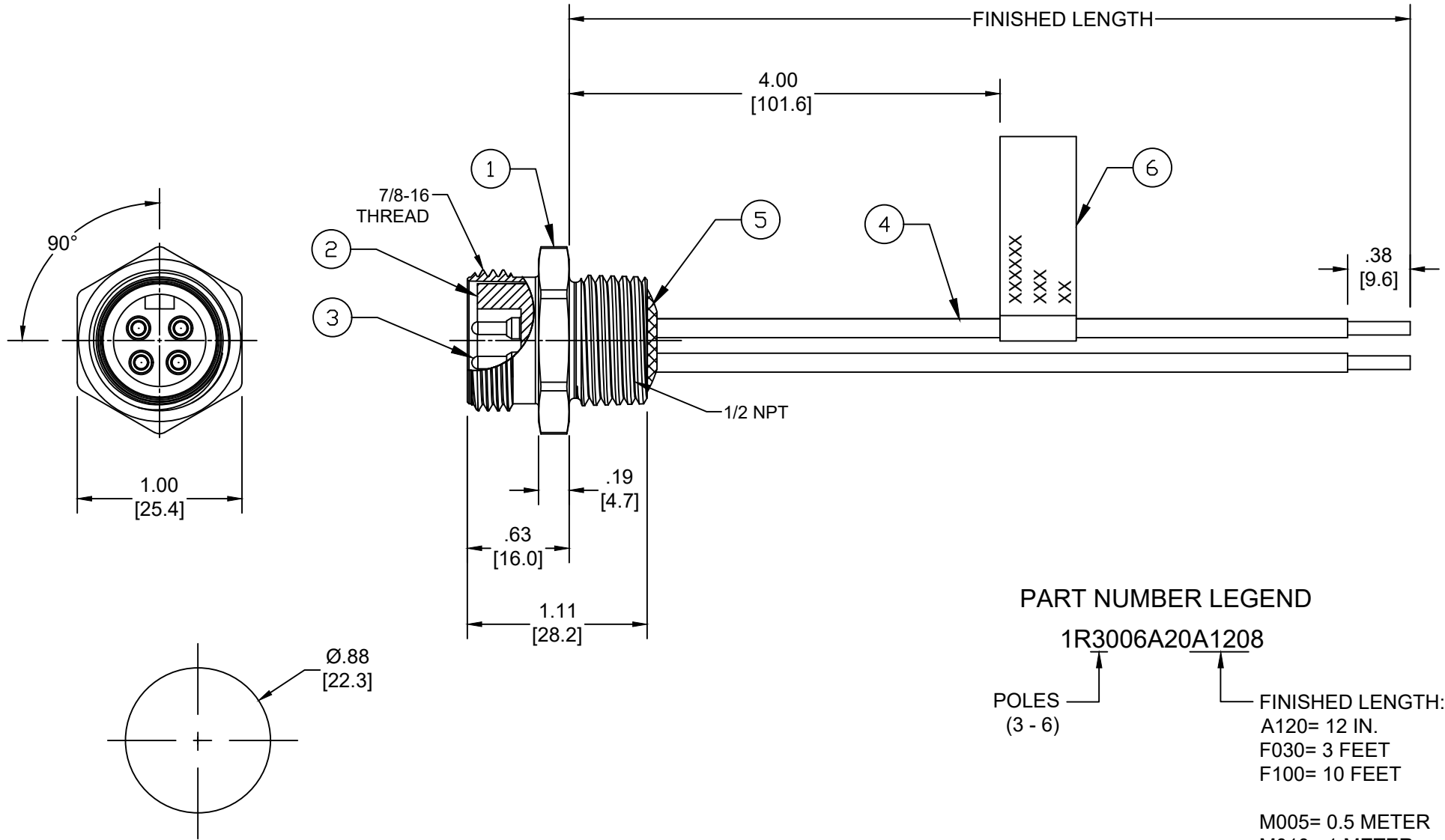


NOTES:

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

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/16	19:08:38
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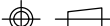
PART NUMBER LEGEND

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

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#517104				molex				
INCH/MM		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)								MINI CHANGE RECEPTACLE, A-SIZE 3 TO 6P, MALE, STRAIGHT, SINGLE KEY, #16 AWG				
	mm	INCH	EC NO: 836952				PRODUCT CUSTOMER DRAWING					
4 PLACES	±----	±----	DRWN: SAMPRS 2025/10/12									
3 PLACES	±----	±----	CHK'D: GGA 2025/10/16									
2 PLACES	±----	±----	APPR: GGA 2025/10/16									
1 PLACE	±----	±----	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES	±----	±----	DRWN: CCHRSTKA 2020/06/11				1300660076		PSD	000	A2	
ANGULAR TOL ± 1.0 °			APPR: BWOODMAN 2020/06/17									
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	