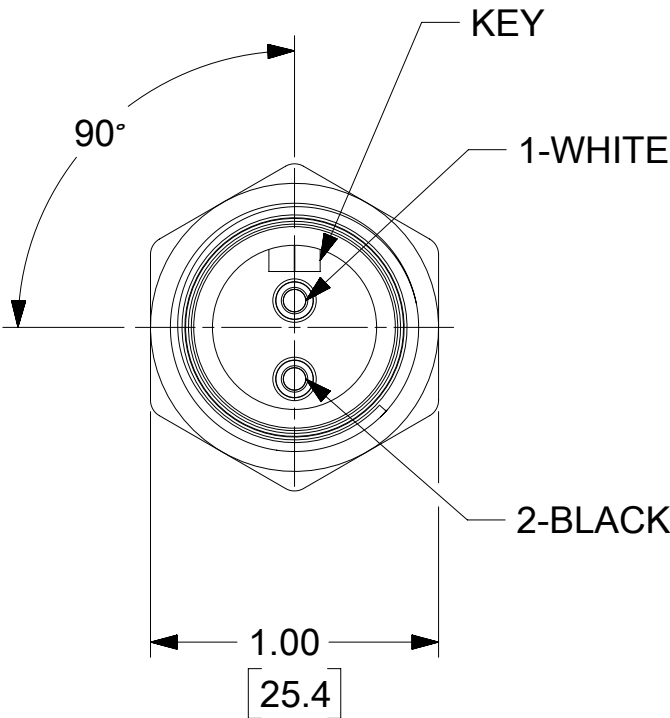


PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300130076	1R2006A20A120	12 IN (0.3M)
1300130084	1R2006A20F060	6 FT (1.8M)

MALE FACE VIEW



NOTES:

- 1. MATERIAL: AS NOTED
- 2. FINISH: AS NOTED
- 3. ELECTRICAL:
 - VOLTAGE: 500V PER IEC60664
 - 600V PER UL2238
- CURRENT: 13A
- 4. TEMP RATING: -20°C TO +105°C
- 5. PROTECTION: IP67 (WHEN MATED)
- 6. COUPLING THREAD: 7/8-16 UN
- 7. UL RECOGNIZED FILE: E152210
- CSA CERTIFIED: LR6837
- 8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

6	FLAG LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPOXY	
4	WIRE #16 (UL 1015)	PVC INSULATION	SEE FACE VIEW
3	CONTACT PIN	Cu ALLOY	GOLD PLATED
2	INSERT	TPE	YELLOW
1	RECEPTACLE SHELL	ZINC (DIE-CAST)	BLACK E-COAT
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/30	11:18:32
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12

11

10

9

8

7

6

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4

3

2

1

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]

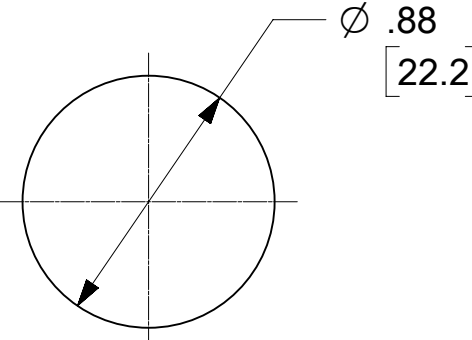
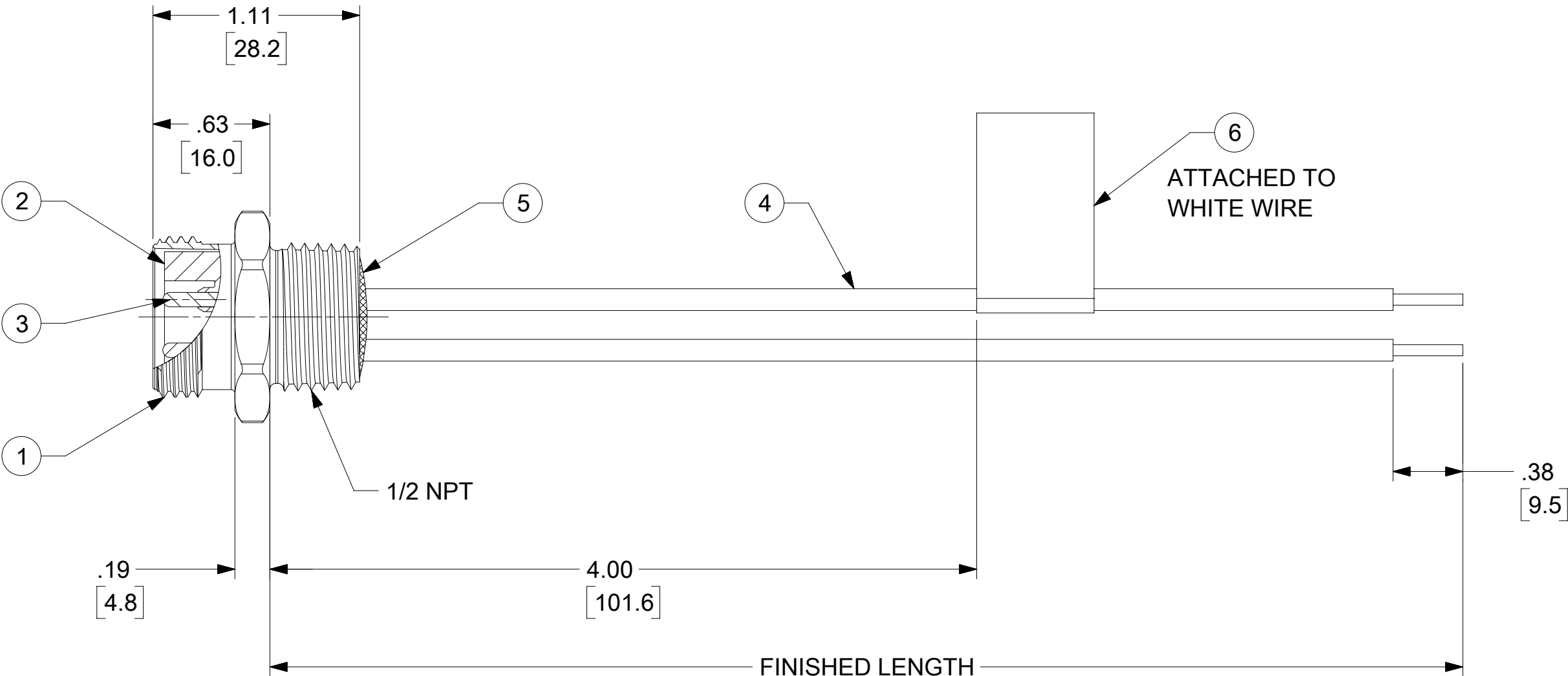
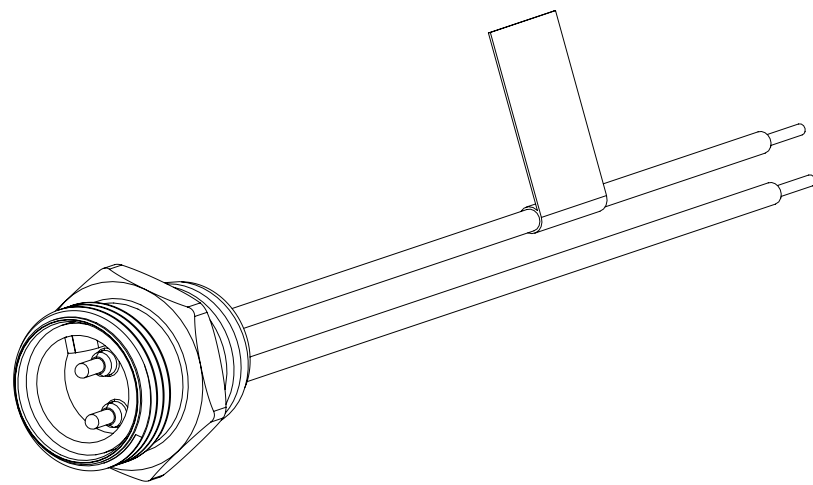
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

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



REF. KNOCKOUT HOLE

PART NUMBER LEGEND

1R2006A20A120

LENGTH

A060 =6 IN

A120 = 12 IN

F060 = 6.0 FT

M003 = 0.3 METERS

M010 = 1.0 METERS

M100 = 10.0 METERS

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#517292	
INCH/MM	1:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM	INCH	
4 PLACES	±	±	
3 PLACES	±	±	
2 PLACES	±	±	
1 PLACE	±	±	
0 PLACES	±	±	
ANGULAR TOL	±	°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING C-SIZE
		SERIES	130013
		MATERIAL NUMBER	SEE P/N LEGEND
		CUSTOMER	GENERAL MARKET
		SHEET NUMBER 1 OF 1	

EC NO: 838027

DRWN: RAGHAH3

CHK'D: GGA

APPR: GGA

2025/09/15

2025/10/30

2025/10/30

INITIAL REVISION:

DRWN: RSTONE

APPR: BWOODMAN

2021/06/23

2021/07/12

DOCUMENT NUMBER

1300130076

DOC TYPE

PSD

DOC PART

000

REVISION

A1

molex

MINI-CHANGE RECEPTACLE

2 POLE MALE, STRAIGHT, SINGLE KEY, 16 AWG

PRODUCT CUSTOMER DRAWING