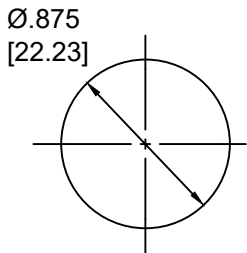
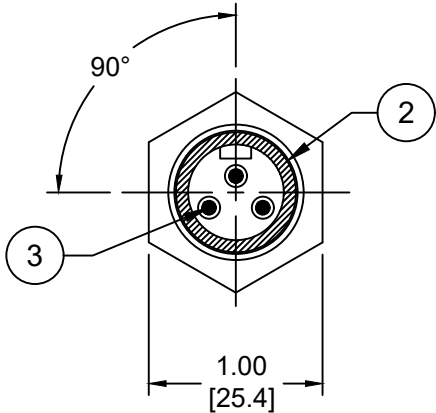
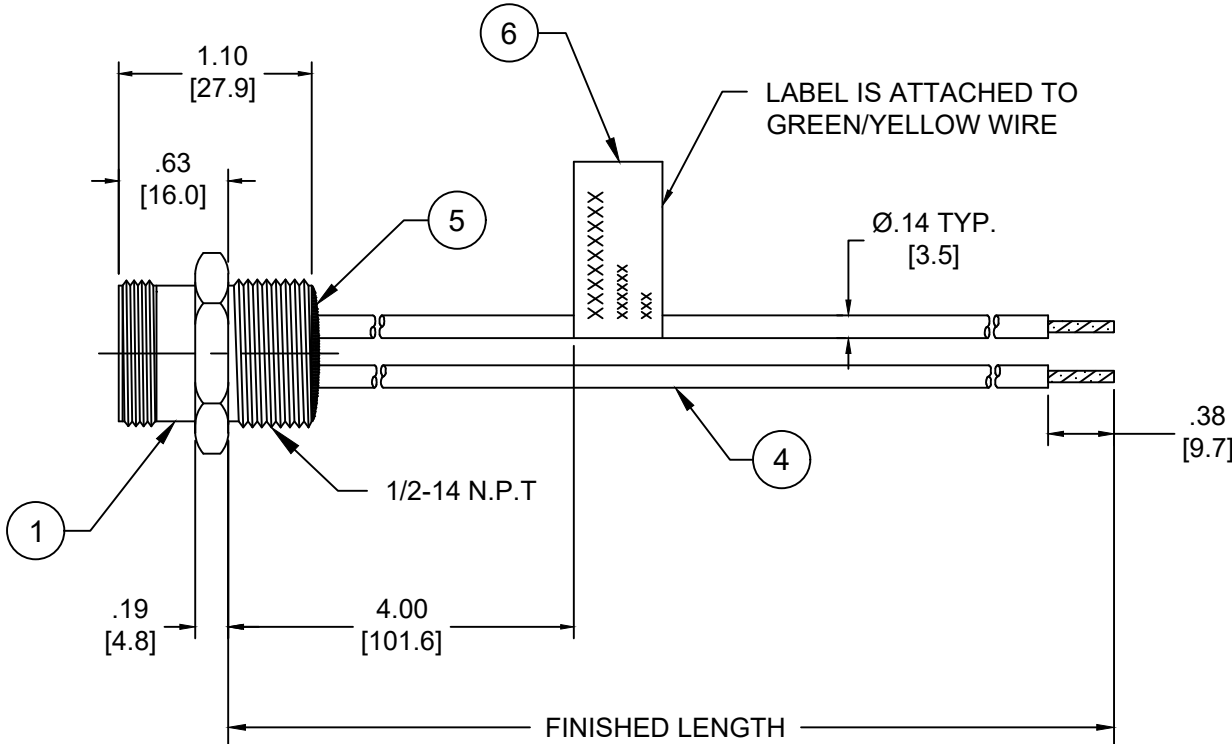


PART NO	ENGINEERING NO.	FINISHED LENGTH
1300660047	1R3006A28A060G	6IN [0.5 FT]
1300660057	1R3006A28M050G	5M [16 FT 5 IN]
1300662013	1R3006A28M100G	10M [32 FT 10 IN]



REF. KNOCKOUT HOLE



- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 500V PER IEC60664
600V PER UL2237
CURRENT: 20A (C1)
 4. TEMP RATING: -20°TO +105°C
 5. PROTECTION: IP67 (WHEN MATED)
 6. COUPLING THREAD: 7/8-16UN
 7. UL LISTED FILE: E258922
 8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE

FACE VIEW - MALE INSERT

1-GREEN/YELLOW
2-BLACK
3-WHITE

PART NO. MATRIX
1R3006A28M050G

FINISHED LENGTH:
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		

6	FLAG LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPOXY	
4	WIRE, 14 AWG (UL1015)	PVC INSULATION	SEE FACE VIEW
3	CONTACT PIN	COPPER ALLOY	GOLD PLATED
2	MALE INSERT	TPE	BLACK
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2024/10/21	16:43:52
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FUNCTIONAL SYMBOLS

F/A=0

F/C=0

F/D=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

INCH/MM

SCALE

NTS

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

CURRENT REV DESC: UPDATED CURRENT TO 20A

EC NO: 794205
DRWN: HENRYB1
CHK'D: ALEON01
APPR: BWOODMAN

2024/08/02
2024/08/02
2024/10/21

INITIAL REVISION:
DRWN: RSTONE
APPR: BWOODMAN

2017/01/11
2017/01/26

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

molex

MINI-CHANGE RECEPTACLE A-SIZE
3 POLE, MALE, STRAIGHT, SINGLE KEY,
14 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

SD-130066-079

PSD

001

C1

SEE CHART

GENERAL MARKET

1 OF 1