

MATERIAL NO.	ENGINEERING NO.	LENGTH
1300130110	1R3000A20M005	0.5M
1300130111	1R3000A20M010	1.0M
1300130112	1R3000A20M020	2.0M

①

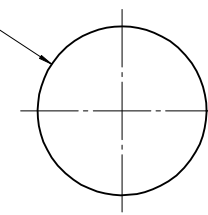
PART NO. LEGEND

1R3000A20M005

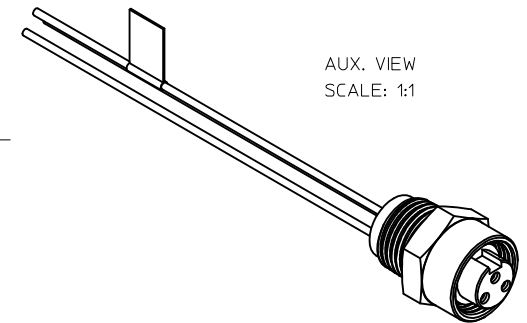
WIRE TYPE: 16 AWG PVC

FINISHED LENGTH
M005= 0.5 METER
M010= 1 METER
M100= 10 METERS

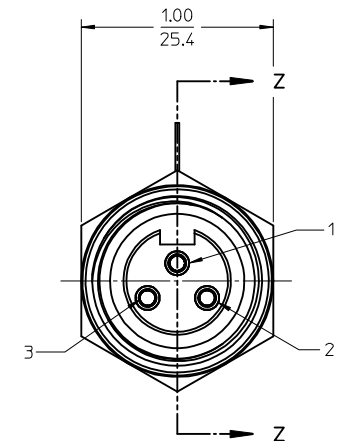
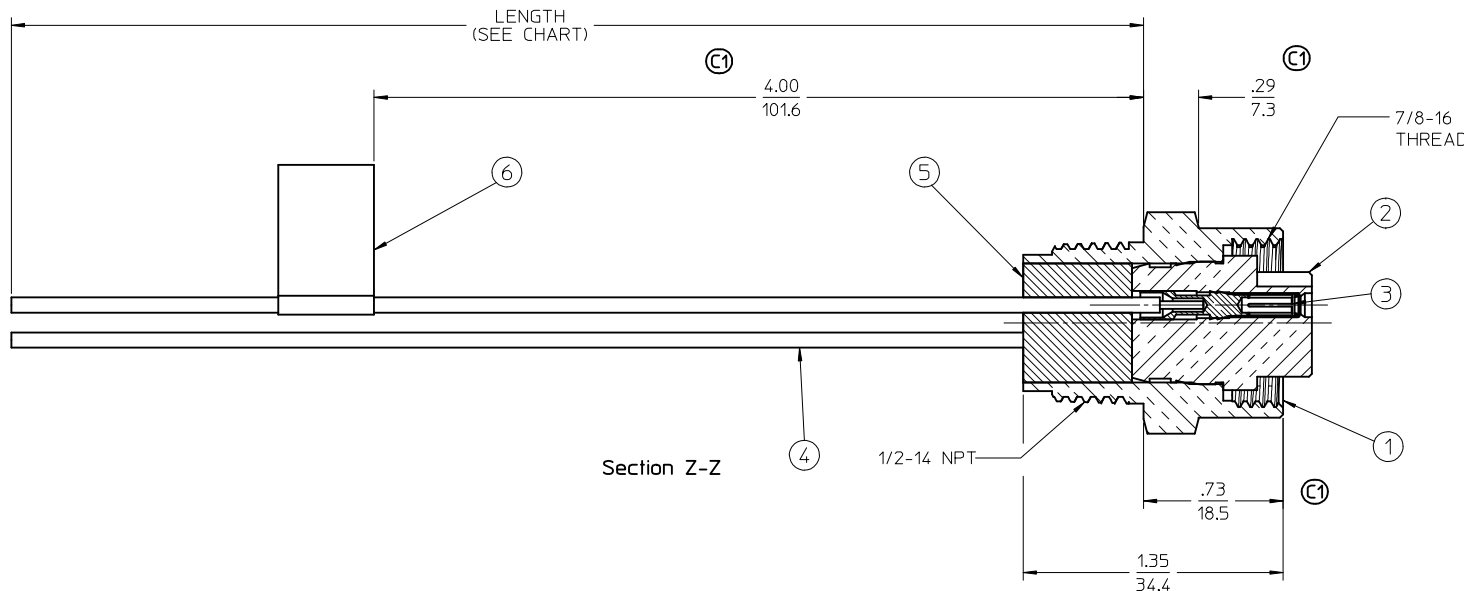
Ø .88
22.4



KNOCKOUT HOLE



AUX. VIEW
SCALE: 1:1



NOTES:

- MATERIAL: AS NOTED
- FINISHES: AS NOTED
- ELECTRICAL SPECIFICATIONS
VOLTAGE RATING: 500V PER IEC60664 ①
600V PER UL2237
CURRENT RATING: 13 AMPS
- PROTECTION: IP67 (WHEN MATED)
- TEMP RANGE: -20°C TO +105°C
- AGENCY LISTING: UL LISTED, FILE NO: E258922
- DIMS SHOWN ARE FOR REFERENCE
UNLESS NOTED OTHERWISE

GREEN/YELLOW	1
BLACK	2
WHITE	3

WIRE DIAGRAM

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

6	LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPOXY	
4	WIRE, 16 AWG	PVC INSULATION	SEE WIRE DIAGRAM
3	CONTACT SOCKET & SLEEVE ASSY.	Cu ALLOY/ST. STEEL	GOLD PLATED
2	INSERT	PVC	YELLOW
1	RECEPTACLE SHELL	ZINC DIECAST	NICKEL PLATED
ITEM	DESCRIPTION	MATERIAL	FINISH

REV	DESCRIPTION	DATE
C1	16 AWG WAS 6.0 ADD TEMP RANGE -UL FILE	2017/04/04
	DRWN:RSTONE	2017/04/04
	CHKD: APPR: BWOODMAN	2017/06/06

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± .005
2 PLACES ± 0.13	± .01
1 PLACE ± 0.3	± .020
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
R.STONE	2009/08/25
CHECKED BY	DATE
B.WOODMAN	2009/08/27
APPROVED BY	DATE
JFMURPHY	2009/08/26
MATERIAL NO.	-
SIZE	C

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
2:1	INCH		
TITLE			
MINI-CHANGE, RECEPTACLE 3P, FEMALE, 16 AWG			
MOLEX INCORPORATED			
DOCUMENT NO.		SHEET NO.	
SD-130013-085		1 OF 1	
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