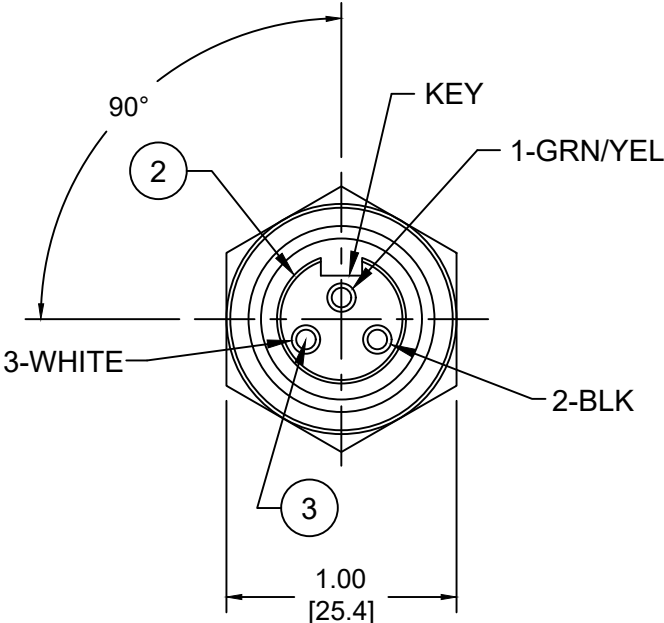
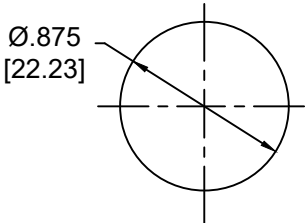


PART NO	ENGINEERING NO.	FINISHED LENGTH
1300660029	1R3000A28A060G	6IN [0.5 FT]
1300660038	1R3000A28M020G	2M [6 FT 7 IN]
1300660301	1R3000A28M060G	6M [19 FT 2 IN]



FEMALE-FACE VIEW

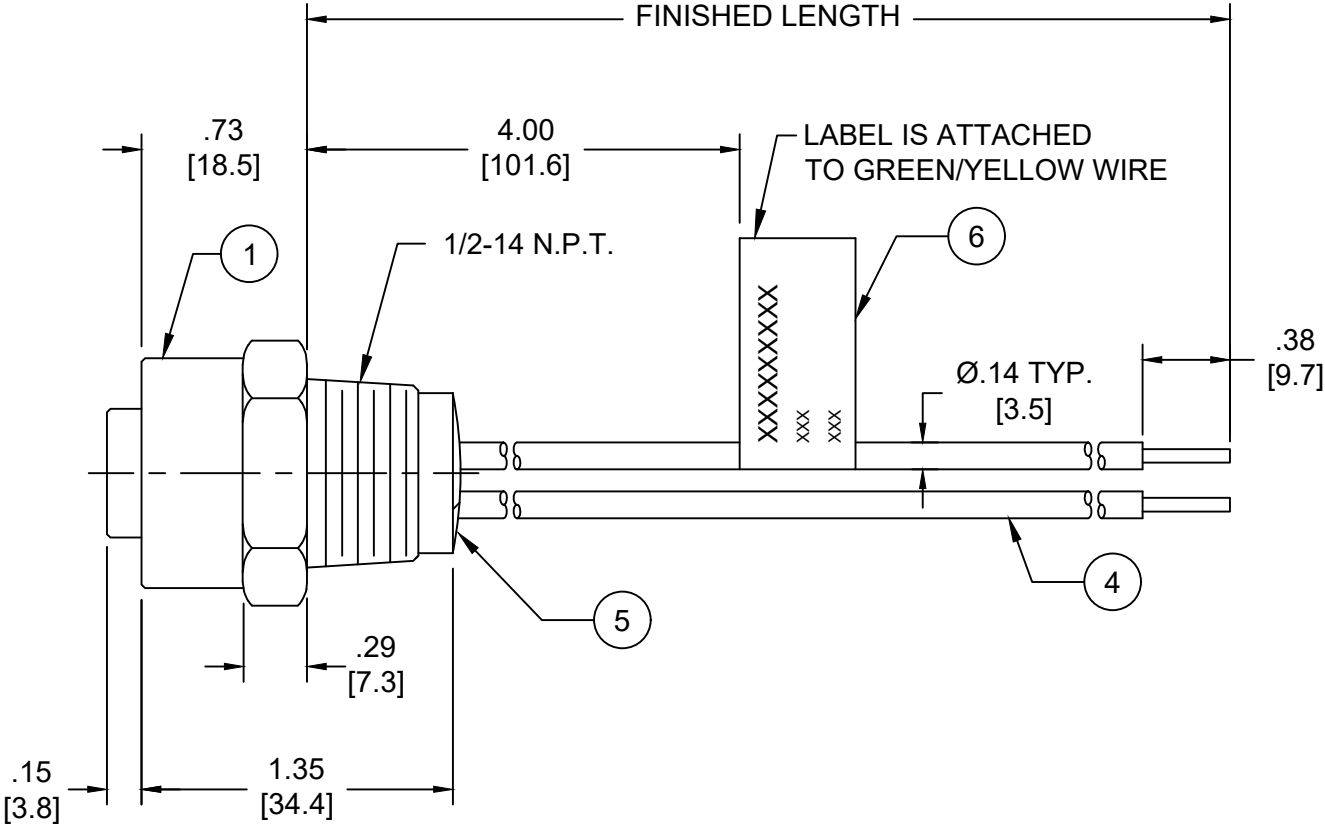


REF. KNOCKOUT HOLE

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

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



PART NO. MATRIX
1R3000A28M060G

FINISHED LENGTH:
A060= 6 IN.
F020= 2 FEET
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			

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: UPDATED CURRENT TO 20A			molex								
	INCH/MM		NTS													
	GENERAL TOLERANCES (UNLESS SPECIFIED)					BRAD POWER RECEPTACLE A-SIZE 3 POLE, FEMALE, STRAIGHT, SINGLE KEY, #14 AWG										
DIVISIONAL SYMBOLS	mm		INCH		EC NO: 794205			PRODUCT CUSTOMER DRAWING								
	4 PLACES ±----		±----		DRWN: HENRYB1 2024/08/02											
	3 PLACES ±----		±----		CHK'D: ALEON01 2024/08/02											
	2 PLACES ±----		±----		APPR: BWOODMAN 2024/10/21											
1 PLACE ±----					±----		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES ±----					±----		DRWN: RSTONE 2017/01/11			SD-130066-075		PSD	001	C1		
ANGULAR TOL ± ---- °							APPR: BWOODMAN 2017/01/26									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							B-SIZE		130066		SEE CHART		GENERAL MARKET		1 OF 1	