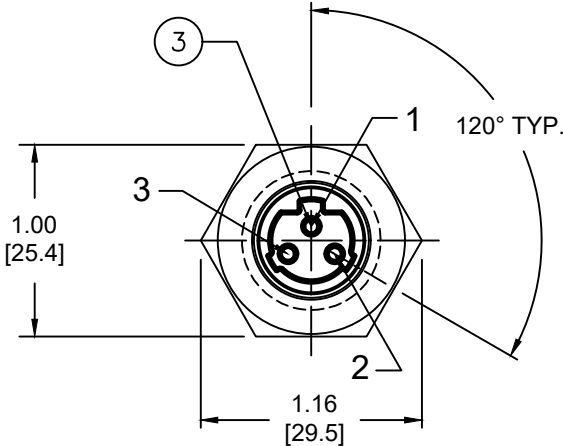
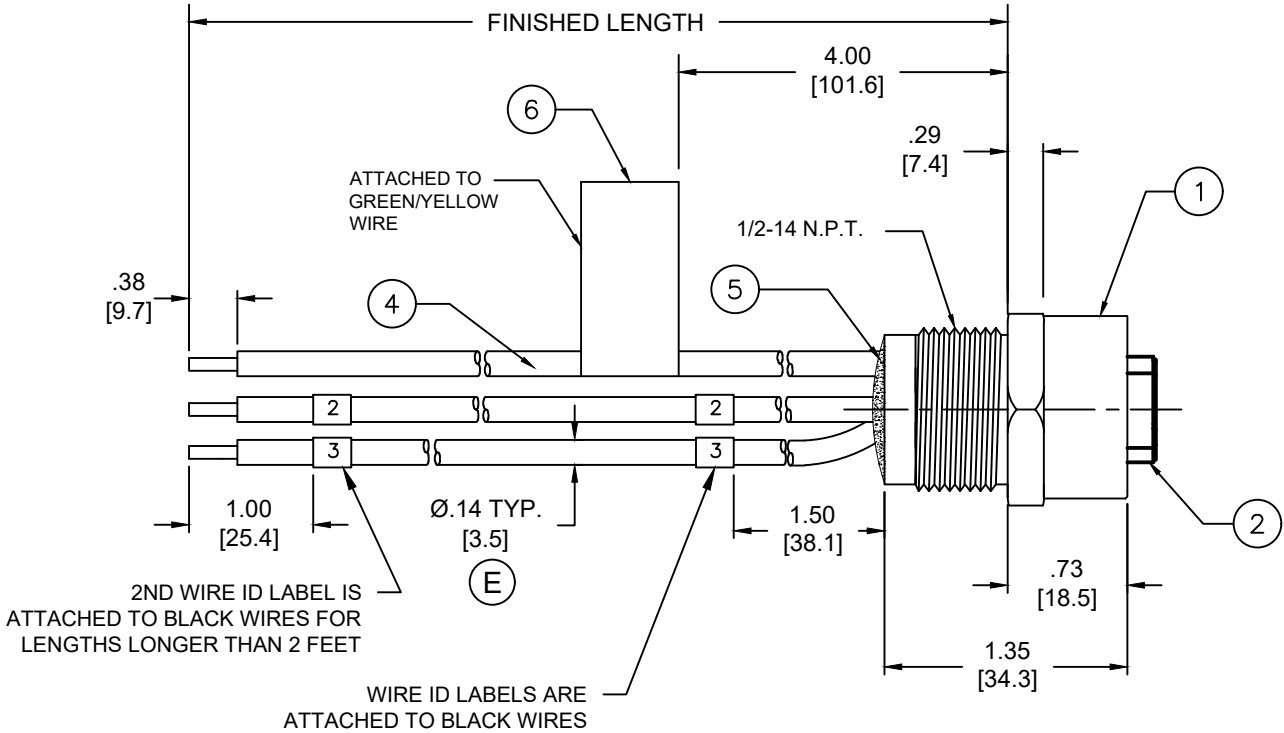


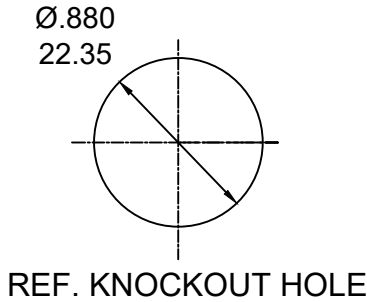
PART NO	ENGINEERING NO.	FINISHED LENGTH
1300662026	1R3100A83M005G	0.5M [1 FT 8 IN]
1300660321	1R3100A83M020G	2M [6 FT 7 IN]
1300662029	1R3100A83M040G	4M [13 FT 1 IN]



FACE VIEW FEMALE

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 500V PER IEC60664
600V PER UL2237
CURRENT: 15A
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



REF. KNOCKOUT HOLE

PART NO. MATRIX
1R3100A83M020G

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

GREEN/YELLOW	1
BLACK #2	2
BLACK #3	3

WIRING DIAGRAM

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 WIRE DIAGRAM
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	TPE	BLACK
1	RECEPTACLE SHELL	ZINC DIE-CAST	NICKEL PLATED
ITEM	DESCRIPTION	MATERIAL	FINISH

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		SCALE		CURRENT REV DESC: ITEM #2 WAS PVC. ADDED UL NUMBER. MODIFIED TEMP RATING AND MATERIAL NUMBER CHART			molex				
	INCH/MM		NTS									
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 663067 DRWN: ABENJAMINLW 2021/01/04 CHK'D: RSTONE 2021/05/06 APPR: BWOODMAN 2021/05/13			BRAD POWER RECEPTACLE A-SIZE 3 POLE, FEMALE, TRI-KEY, #14 AWG, PVC WIRES				
	mm		INCH									
	4 PLACES		±----								±----	
	3 PLACES		±----								±----	
	2 PLACES		±----								±----	
	1 PLACE				±----		±----		PRODUCT CUSTOMER DRAWING			
	0 PLACES				±----		±----					
ANGULAR TOL ± ---- °				INITIAL REVISION: DRWN: TWOLDEGE 2016/06/22 APPR: TWOLDEGE 2016/08/05			DOCUMENT NUMBER SD-130066-071		DOC TYPE PSD	DOC PART 001	REVISION E	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING B-SIZE	SERIES 130066	MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1