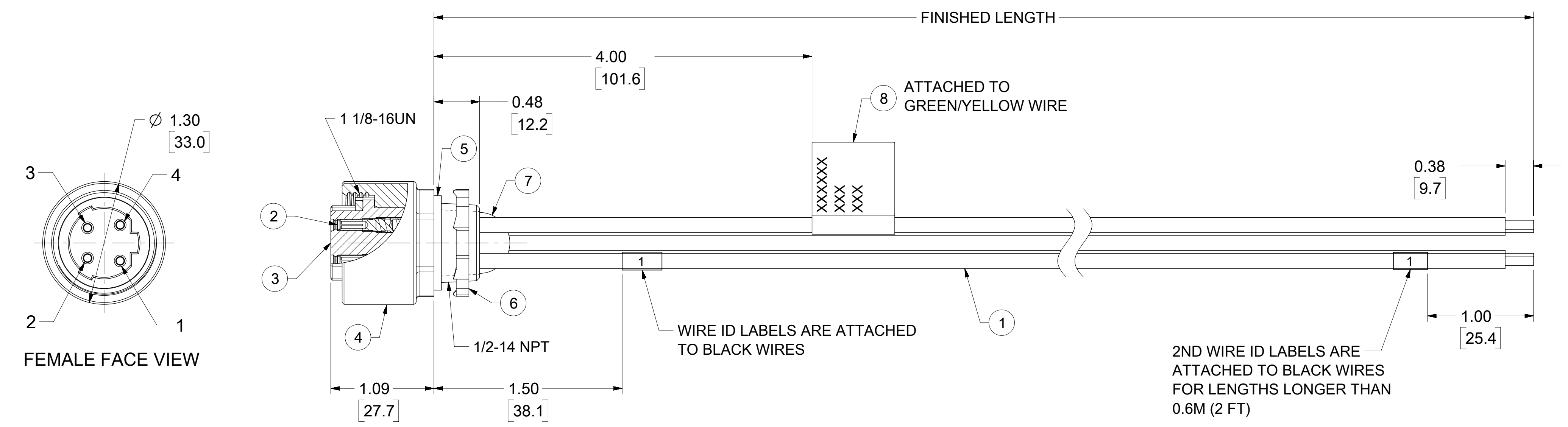


12	11	10	9	8	7	6	5	4	3	2	1
PART NO.	ENGINEERING NO.	FINISHED LENGTH	B2 CABLE LENGTH TOLERANCES <.3M [1FT]: +19mm-0 [+.75in-0] .3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0] .9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0] 1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0] 3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0] 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 B2								
1300660320	3R4100A84M0033	0.3M (11.81 IN)									
1300662019	3R4100A84M0203	2M (6 FT 6.74 IN)									
1300662021	3R4100A84M0403	4M (13 FT 1.48 IN)									



- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE: 483V PER IEC60664

B2

600V PER UL2237
CURRENT: 25A
 - 4. TEMP RATING: -20°C TO +105°C

B2
 - 5. PROTECTION: IP67 (WHEN MATED)
 - 6. UL LISTED FILE: 258922
 - 7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

8	FLAG LABEL	VINYL	YELLOW
7	POTTING MATERIAL	EPOXY	BLACK
6	LOCK NUT	STEEL	ZINC PLATED
5	GASKET	NITRILE	BLACK
4	RECEPTACLE SHELL	Cu ALLOY	NICKEL PLATED
3	FEMALE INSERT	TPE	BLACK
2	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
1	#12-4 AWG,WIRE, 1015/TEW	PVC	SEE WIRING DIAGRAM
ITEM	DESCRIPTION	MATERIAL	FINISH
DOCUMENT STATUS	P1	RELEASE DATE	2022/08/22 20:40:27

WIRING DIAGRAM

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

PART NUMBER LEGEND B2

3R4100A84M0033

FINISHED LENGTH
M001 = 0.1 METER
M010 = 1 METER
M100 = 10 METER

FUNCTIONAL SYMBOLS F_A = 0 F_C = 0 F_P = 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: UPDATED IEC VOLT,TEMP RATING, MATERIAL TABLE, BOM TABLE & TOL TABLE						
	INCH/MM		1.3:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 718076 DRWN: VHANDI 2020/09/30 CHK'D: RSTONE 2022/08/18 APPR: BWOODMAN 2022/08/22 INITIAL REVISION: DRWN: TWOLDEGEBRIE 2016/07/11 APPR: BWOODMAN 2016/11/14						
		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	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
						C-SIZE	130066	SEE TABLE	GENERAL MARKET	1 OF 1	

molex				
BRAD POWER RECEPTACLE, A SIZE 4 POLE, FEMALE, STRAIGHT, TRI KEY, 12 AWG				
PRODUCT CUSTOMER DRAWING				
DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1300660320		PSD	000	B2