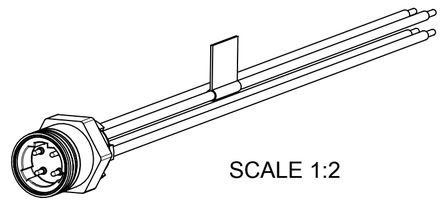
PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300660319	3R4106A84M0033	0.3M (11.81 FT)
1300662015	3R4106A84M0203	2M (6 FT 6.74 IN)
1300662017	3R4106A84M0403	4M (13 FT 1.48 IN)

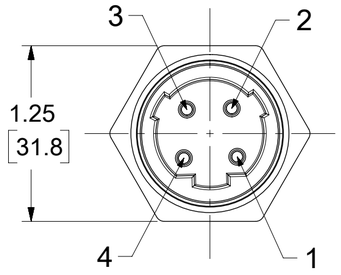
B2

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

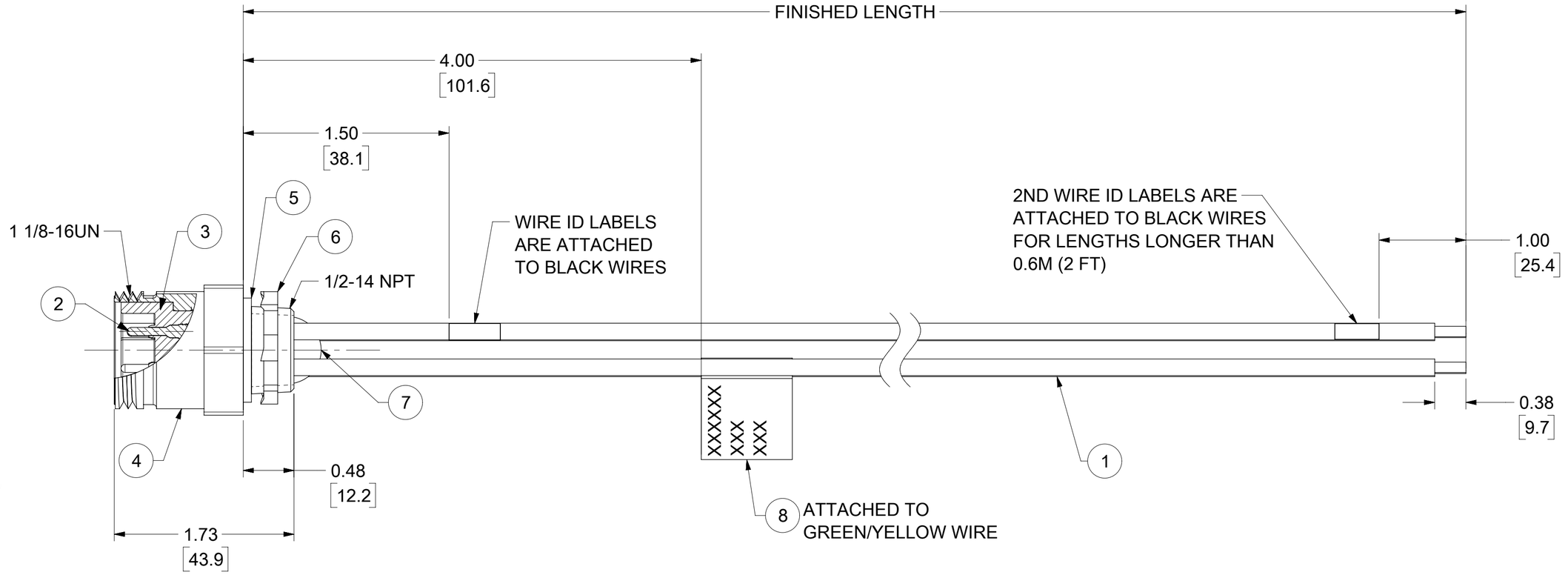
B2



SCALE 1:2



MALE FACE VIEW



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

ITEM	DESCRIPTION	MATERIAL	FINISH
8	FLAG LABEL	VINYL	YELLOW
7	POTTING MATERIAL	EPOXY	BLACK
6	LOCKNUT	STEEL	ZINC PLATED
5	GASKET	NITRILE	BLACK
4	RECEPTACLE SHELL	Cu ALLOY	NICKEL PLATED
3	4P MALE INSERT	TPE	BLACK
2	PIN CONTACT	Cu ALLOY	GOLD OVER NICKEL
1	#12 AWG,WIRE, 1015/TEW	PVC	SEE WIRING DIAGRAM

DOCUMENT STATUS | P1 | RELEASE DATE | 2022/08/22 20:40:26

WIRING DIAGRAM

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

PART NUMBER LEGEND (B2)

3R4106A84M0033

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM | SCALE: 1.2:1

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 IEC VOLT,TEMP RATING, GENERAL NOTES, MATERIAL TABLE & TOL. TABLE

EC NO: 718076
DRWN: VHANDI 2020/09/30
CHK'D: RSTONE 2022/08/18
APPR: BWOODMAN 2022/08/22

INITIAL REVISION:
DRWN: TWOLDEGEBRIE 2016/07/06
APPR: BWOODMAN 2016/11/14

molex

BRAD POWER RECEPTACLE, A SIZE
4 POLE, MALE, STRAIGHT, TRI-KEY 12/1C AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1300660319	PSD	000	B2

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 130066

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 1

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E
DATE: 2020/01/14