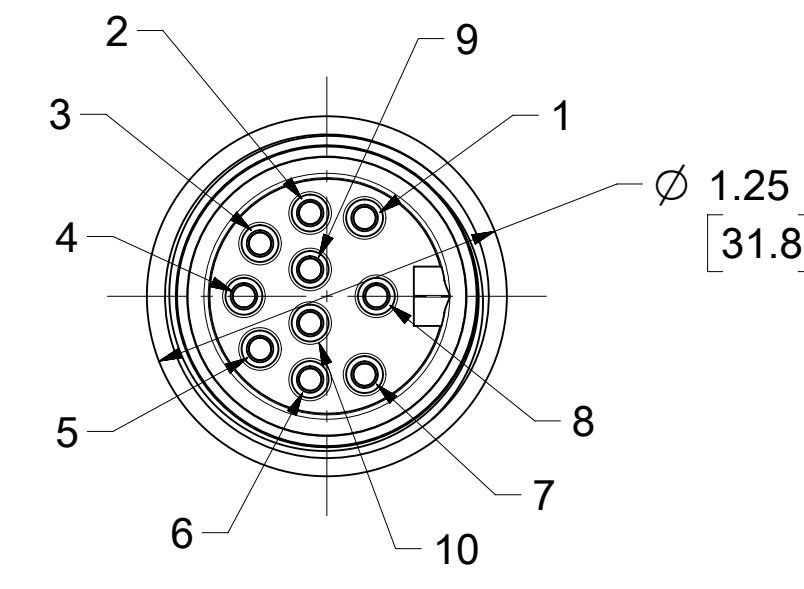


MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300080115	301002A01F030	3 FT. (0.91 M)
1300080117	301002A01F060	6 FT. (1.83 M)
1300080124	301002A01F200	20 FT. (6.10 M)

MALE FACE VIEW



NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

VOLTAGE: 320V PER IEC60664

600V PER UL2238

CURRENT: 7A

4. TEMP RATING: -20°C TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. CSA CERTIFIED FILE: LR6837

7. UL RECOGNIZED FILE: E152210

8. COUPLING THREAD: 1 1/8"-16UN

9. ASSEMBLY IS ROHS COMPLIANT

10.ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

7	LABEL	VINYL	BLACK/YELLOW
6	OVERMOLD	TPE	YELLOW
5	COUPLING NUT	ZINC DIE CAST	BLACK E-COAT
4	FRICTION RING	NYLON	NATURAL
3	PIN CONTACT	Cu ALLOY	GOLD OVER NICKEL
2	INSERT, MALE, 10 POLE	TPE	YELLOW
1	#16-10 CABLE, STOOV/ST	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS

P1

RELEASE DATE

2021/08/27 14:24:16

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]

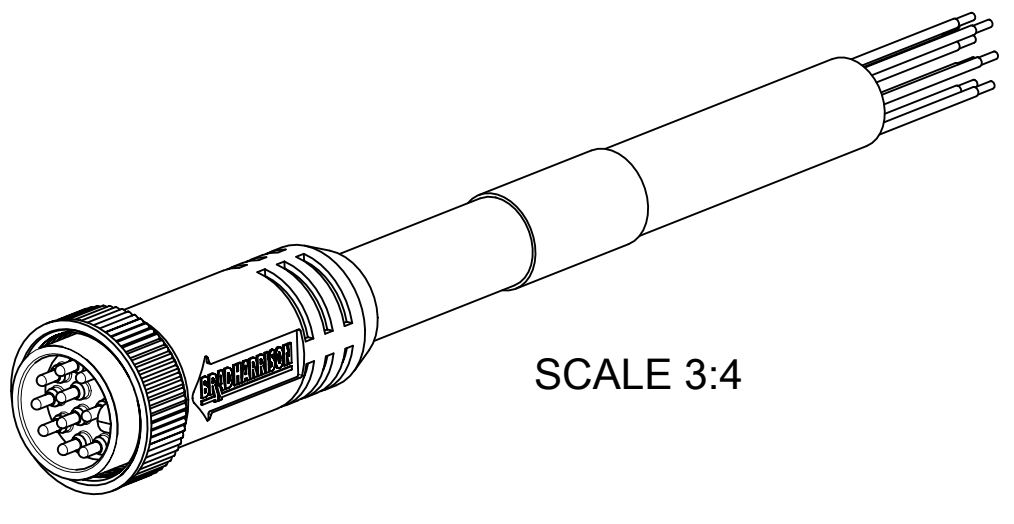
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

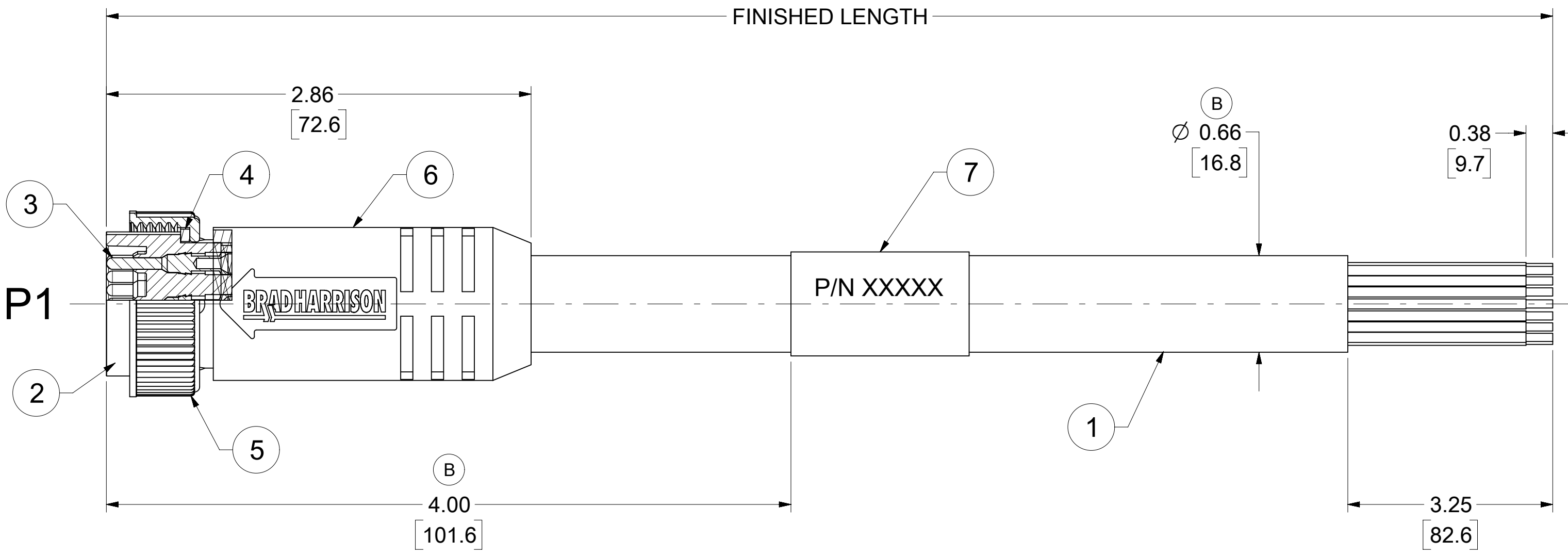
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

OVER 30M [100FT] +2% OF FINISHED LENGTH

SCALE 3:4



FINISHED LENGTH



WIRING DIAGRAM

P1	
1	ORANGE
2	BLUE
3	WHITE/BLACK TRACE
4	RED/BLACK TRACE
5	GREEN/BLACK TRACE
6	ORANGE/BLACK TRACE
7	RED
8	GREEN - GND
9	BLACK
10	WHITE

PART NUMBER MATRIX

301002A01F030

FINISHED LENGTH

F001= .1 FT

F020= 2 FT

F200= 20 FT

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 ITEM #2,6,7, LABEL DIM. AND MATERIAL P/N TABLE. ADDED CSA, UL, IEC VOLT, TEMP RATING, IP RATING, TOL. CHART, PART NUMBER MATRIX AND CABLE DIA.					
INCH/MM		1.5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
	MM	INCH							
4 PLACES	±	±		EC NO: 673727					
3 PLACES	±	±		DRWN: AKABADI 2021/06/22					
2 PLACES	±	±		CHK'D: RSTONE 2021/08/13					
1 PLACE	±	±		APPR: BWOODMAN 2021/08/27					
0 PLACES	±	±		INITIAL REVISION:					
ANGULAR TOL ± 0.5 °				DRWN: BRUPERT 2009/08/24		2009/08/27		DOCUMENT NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				C-SIZE		130008		MATERIAL NUMBER	
								CUSTOMER	
								SHEET NUMBER	
								SEE TABLE	
								GENERAL MARKET	
								1 OF 1	