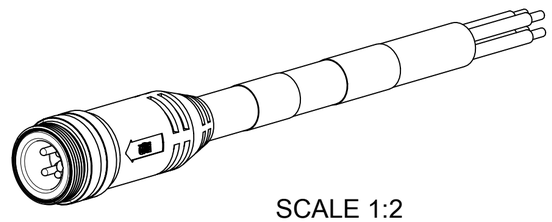
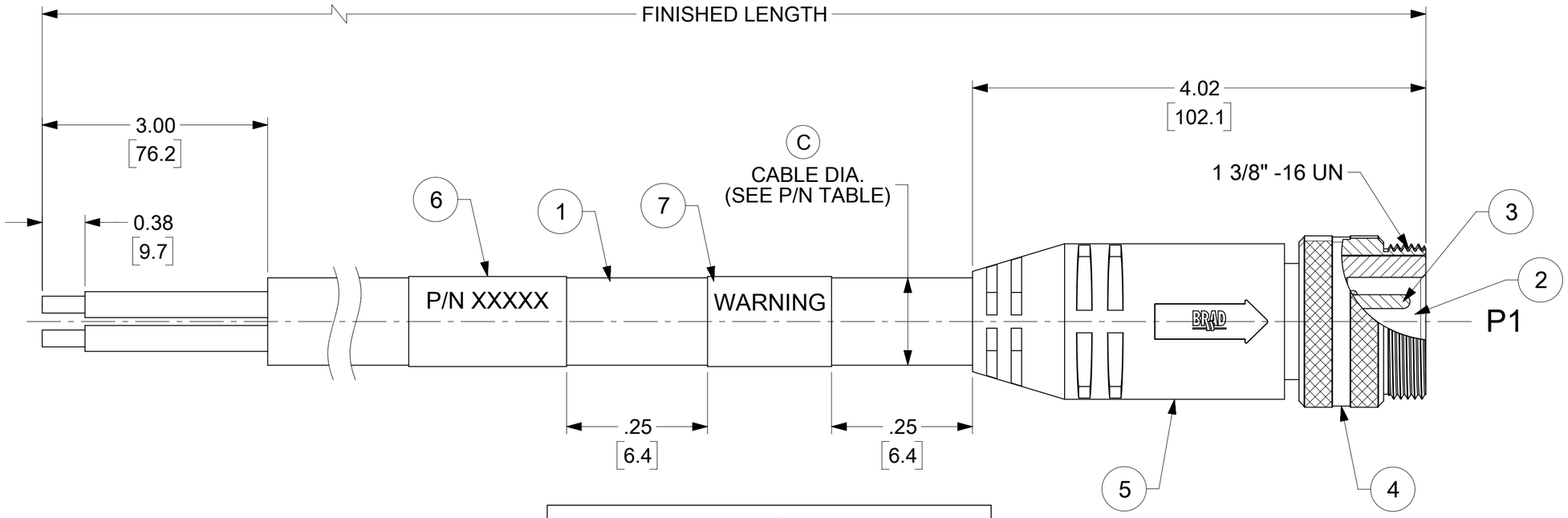
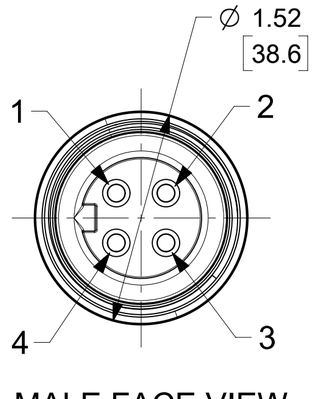
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1300630040	C03006A48M010	1 M (3 FT 3.37 IN)	3	0.70 [17.8]
1300630165	C04006A48M500	50 M (164 FT 0.50 IN)	4	0.78 [19.7]
1300632012	C04006A48M750	75 M (246 FT 0.76 IN)	4	0.78 [19.7]

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 1:2

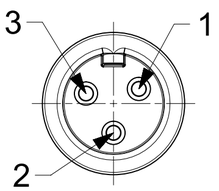
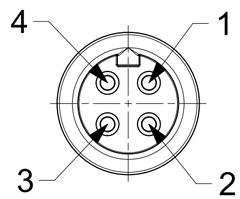




MALE FACE VIEW

C

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 630V (3P) / 500V (4P) PER IEC60664
   600V PER UL2237
   CURRENT: 32A
4. TEMP RATING: -20°C TO +90°C (3P), +105°C (4P)
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE: E258922
7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

MALE FACE VIEW	
3 POLE	4 POLE
	
WIRING DIAGRAM	
1 BLACK 2 GREEN/YELLOW 3 WHITE	1 BLACK 2 GREEN/YELLOW 3 RED 4 WHITE

PART NUMBER LEGEND C

C04006A48M020

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

ITEM	DESCRIPTION	MATERIAL	FINISH
7	WARNING LABEL	VINYL	ORANGE/BLACK
6	WRAP LABEL	VINYL	BLACK/YELLOW
5	OVERMOLD	TPE	GRAY
4	COUPLING NUT	ALUMINIUM	CLEAR ANODIZE
3	PIN CONTACT	Cu ALLOY	GOLD OVER NICKEL
2	MALE INSERT	TPE	BLACK
1	CABLE, #10/3-4 TC-ER/STOOW	PVC JACKET	GRAY

C C C

DOCUMENT STATUS: P1 | RELEASE DATE: 2022/06/24 12:55:24

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, FD = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH | SCALE: 1:1

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: ADDED NOTES, BOM, ITEM #2 & 5 WERE PVC, MATERIAL P/N TABLE & DIMS. CABLE DIA., TOL. CHART AND PART NUMBER LEGEND.

EC NO: 711366
DRWN: VHANDI 2021/07/08
CHK'D: RSTONE 2022/06/21
APPR: BWOODMAN 2022/06/24

INITIAL REVISION:
DRWN: B.RUPERT 2010/01/12
APPR: JFMURPHY 2010/01/15

molex

BRAD POWER CORDSET, M35
3-4 POLE, MALE, STRAIGHT, SINGLE KEY, 10 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130063-042	PSD	001	C

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	130063	SEE TABLE	GENERAL MARKET	1 OF 1

FORMAT: Eng-lega-master-tb-prod-C
REVISION: E1
DATE: 2021/05/21