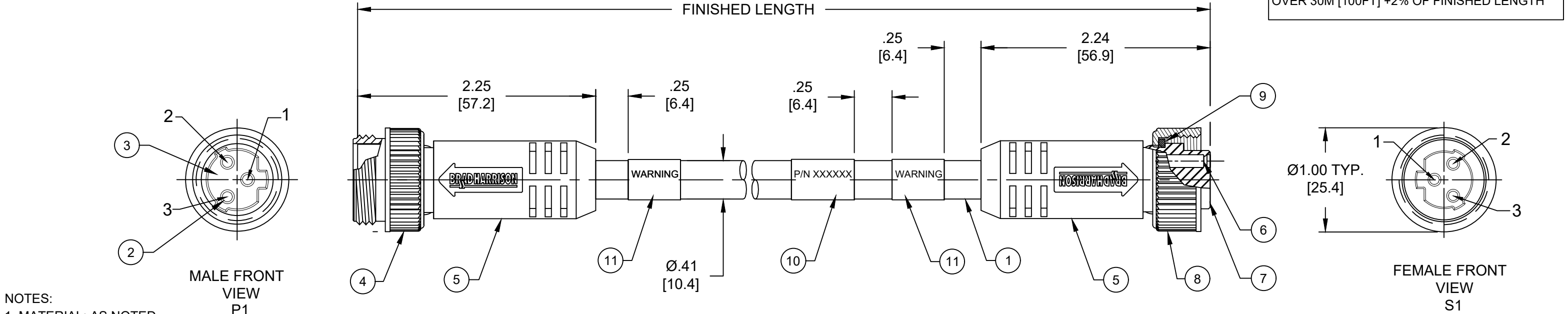


PART NO	ENGINEERING NO.	FINISHED LENGTH
1300102117	113130K13M005	0.5M [1FT 7 IN]
1300102099	113130K13M300	30M [98FT 5 IN]
1300102225	113130K13M750	75M [246FT 1 IN]

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



- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 500V PER IEC60664
600V PER UL2237
CURRENT: 13A
 4. TEMP RATING: -20°TO +90°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

11	WARNING LABEL	VINYL	BLACK/ORANGE
10	WRAP LABEL	VINYL	BLACK/YELLOW
9	FRICTION RING	NYLON	WHITE
8	FEMALE COUPLING NUT	ZINC DIE-CAST	BLACK E-COAT
7	3P FEMALE INSERT	TPE	BLACK
6	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
5	OVER MOLD	TPE	BLACK
4	MALE COUPLING NUT	ZINC DIE-CAST	BLACK E-COAT
3	3P MALE INSERT	TPE	BLACK
2	CONTACT PIN	COPPER ALLOY	GOLD PLATED
1	CABLE 16/3 (HI FLEX)	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/17	22:02:56
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CABLE FLEX CHARACTERISTICS:

TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

FUNCTIONAL SYMBOLS		DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
FA=0 FC=0 FD=0		DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM 9 DESCRIPTION O-RING CHANGED TO FRICTION RING, UPDATE BORDER				molex BRAD POWER A-SIZE 3 POLE, MALE-FEMALE, STRAIGHT TRI-KEY, 16 AWG, TPE HI-FLEX							
		INCH/MM		1:1													
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 706622				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-130010-037 DOC TYPE PSD DOC PART 001 REVISION D1							
		mm		INCH													
		4 PLACES		±----		DRWN: RSTONE								2022/05/11			
		3 PLACES		±----		CHK'D: ALEON01								2022/05/13			
		2 PLACES		±----		APPR: BWOODMAN								2022/05/17			
		1 PLACE		±----		INITIAL REVISION:											
		0 PLACES		±----		DRWN: RSTONE								2017/02/09			
		ANGULAR TOL ± ---- °				APPR: BWOODMAN				2017/03/02							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								B-SIZE		130010				GENERAL MARKET		1 OF 1	