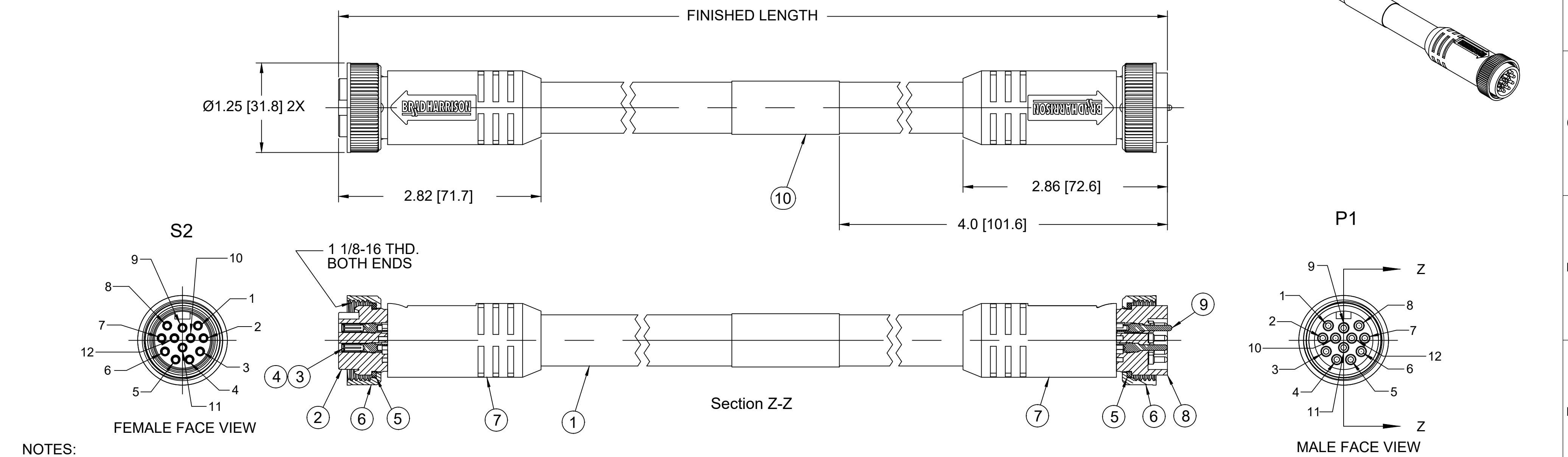


12		11		10		9		8		7		6		5		4		3		2		1
PART NO			ENGINEERING NO.			FINISHED LENGTH																
1300120184			332020K04F120			12 FT [3.7M]																
1300120211			332020K04M400			40M [131FT 2.8 IN]																
1300120758			332020K04M800			80M [262FT 5.6 IN]																



- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
 - VOLTAGE: 320V PER IEC60664
 - 600V PER UL2238
 - CURRENT: 5A
 - 4. TEMP RATING: -20°TO +90°C
 - 5. PROTECTION: IP67 (WHEN MATED)
 - 6. UL LISTED, FILE: E152210 (B2)
 - 7. ALL DIMS ARE FOR REFERENCE UNLESS NOTED OTHERWISE

MECHANICAL CHARACTERISTICS:

TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G (B2)
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

10	LABEL	VINYL	BLACK/YELLOW
9	PIN CONTACT	BRASS	GOLD PLATED
8	INSERT, MALE, 12 POLE	TPE	YELLOW
7	OVERMOLD	TPE	YELLOW
6	COUPLING NUT	ZINC DIE CAST	BLACK
5	FRICTION RING	NYLON	NATURAL
4	SOCKET CONTACT	BRASS	GOLD PLATED
3	SOCKET SLEEVE	STAINLESS STEEL	
2	INSERT, FEMALE, 12 POLE	TPE	YELLOW
1	CABLE, 16-12 HI FLEX	TPEJACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/07/27	17:35:16
-----------------	----	--------------	------------	----------

PART NO. MATRIX
332020K04M010

LENGTH
M010 - 1 METER
M100 - 10 METER
F050 - 5 FEET
F500 - 50 FEET

S2		P1
1	WHITE	1
2	GREEN	2
3	YELLOW	3
4	GRAY	4
5	PINK	5
6	RED	6
7	BLACK	7
8	VIOLET	8
9	GREEN/YELLOW	9
10	BROWN	10
11	BLUE	11
12	GRAY/PINK	12

WIRING DIAGRAM

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

FUNCTIONAL SYMBOLS F A =0 E C =0 E 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: ADDED MECHANICAL CHARACTERISTICS TABLE, UL IN NOTES AND MODIFIED MATERIAL TABLE.				molex MINI-CHANGE CORDSET, C-SIZE, 12 POLE, MALE/FEMALE, STRAIGHT, SINGLE KEY, 16 AWG HI-FLEX						
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
			mm		INCH		EC NO: 641453								
	4 PLACES		±----		±----		DRWN: ABENJAMINLW 2020/06/18								
	3 PLACES		±----		±----		CHK'D: RSTONE 2020/07/20								
	2 PLACES		±----		±----		APPR: BWOODMAN 2020/07/27								
	1 PLACE		±----		±----		INITIAL REVISION:								
0 PLACES		±----		±----		DRWN: BARDEN 2015/08/12									
ANGULAR TOL		±		----		°		APPR: JFMURPHY 2015/08/12							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION			
						C-SIZE		130012		SD-130012-018		PSD 001 B2			
										MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
										SEE_CHART		GENERAL MARKET		1 OF 1	