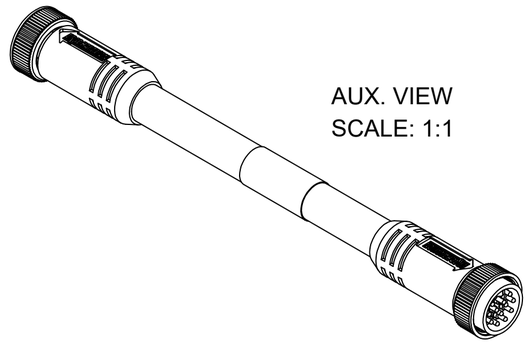
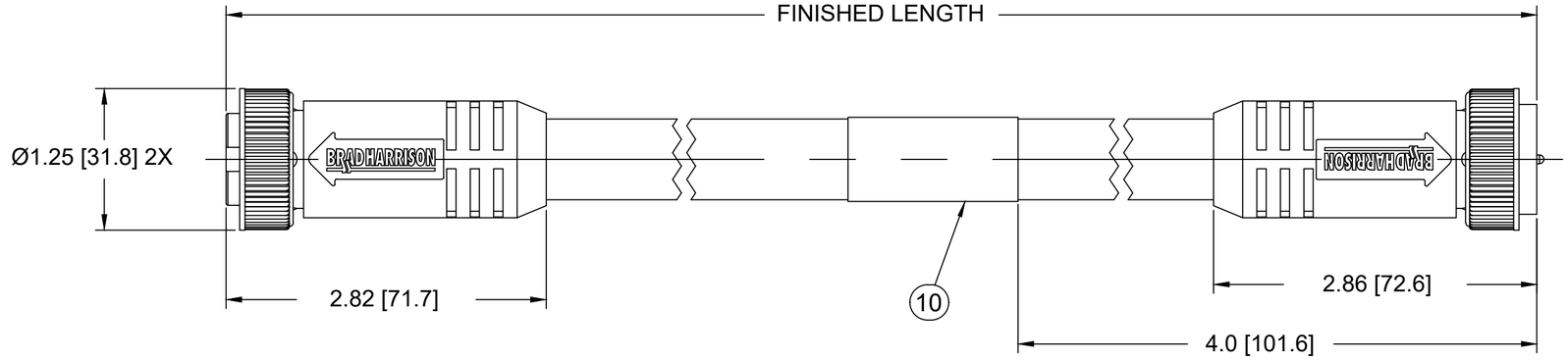
PART NO	ENGINEERING NO.	FINISHED LENGTH
1300120184	332020K04F120	12 FT [3.7M]
1300120211	332020K04M400	40M [131FT 2.8 IN]
1300120758	332020K04M800	80M [262FT 5.6 IN]

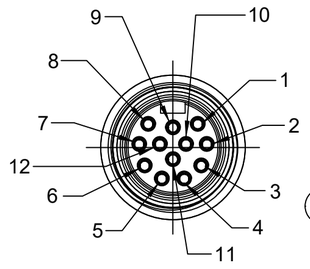
B2



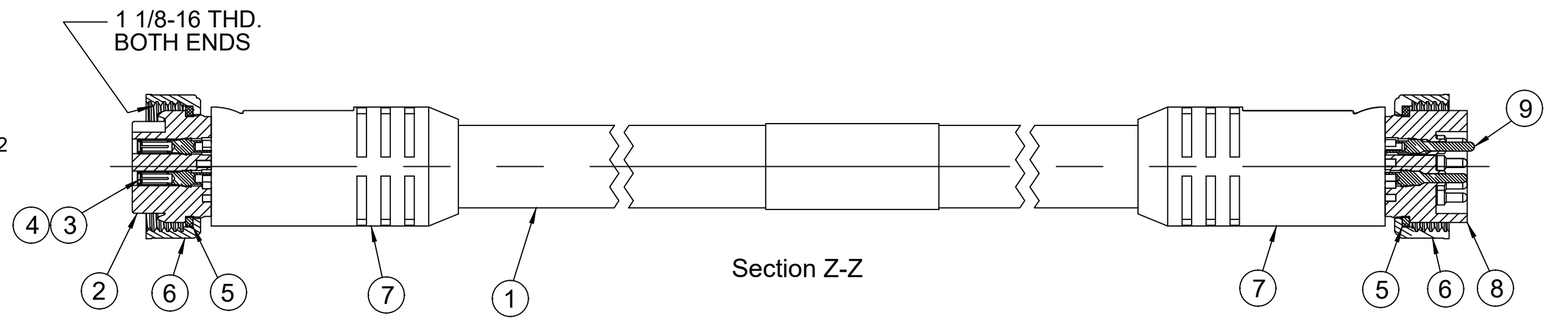
AUX. VIEW
SCALE: 1:1



S2

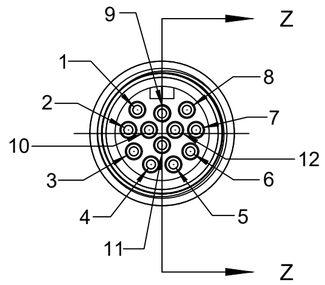


FEMALE FACE VIEW



Section Z-Z

P1



MALE FACE VIEW

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

PART NO. MATRIX
332020K04M010

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



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

ITEM	DESCRIPTION	MATERIAL	FINISH
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

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

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: NTS

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 MECHANICAL CHARATERISTICS TABLE, UL IN NOTES AND MODIFIED MATERIAL TABLE.

EC NO: 641453
DRWN: ABENJAMINLW 2020/06/18
CHK'D: RSTONE 2020/07/20
APPR: BWOODMAN 2020/07/27

INITIAL REVISION:
DRWN: BARDEN 2015/08/12
APPR: JFMURPHY 2015/08/12

molex

MINI-CHANGE CORDSET, C-SIZE,
12 POLE, MALE/FEMALE, STRAIGHT, SINGLE KEY, 16 AWG HI-FLEX

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130012-018	PSD	001	B2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	130012	SEE_CHART	GENERAL MARKET	1 OF 1

FORMAT: IN-ACAD-tb-prod-C
REVISION: B
DATE: 2020/01/14