

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300101718	112030A01F060	6FT (1.8M)
1300100208	112030A01M050	16FT 4.8IN (5M)
1300102031	112030A01F250	25FT (7.6M)

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL SPECIFICATIONS

VOLTAGE RATING: 500V PER IEC60664

600V PER UL2238

CURRENT RATING: 13A

4. TEMP RANGE: -20°C TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. UL RECOGNIZED FILE: E152210

CSA CERTIFIED FILE: LR6837

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

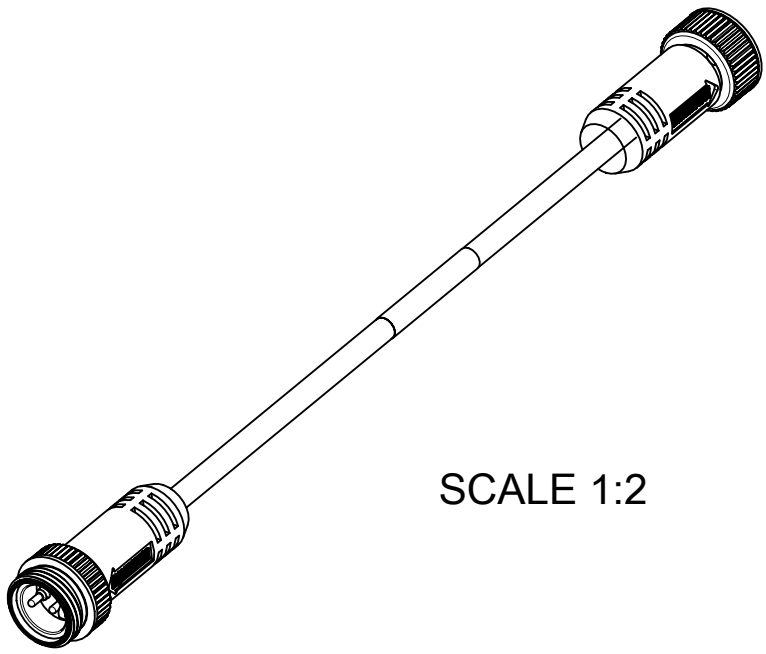
PART NO. MATRIX

112030A01-M005

FINISHED LENGTH
F010 = 1.0 FEET
F100 = 10.0 FEET
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

CABLE LENGTH TOLERANCES

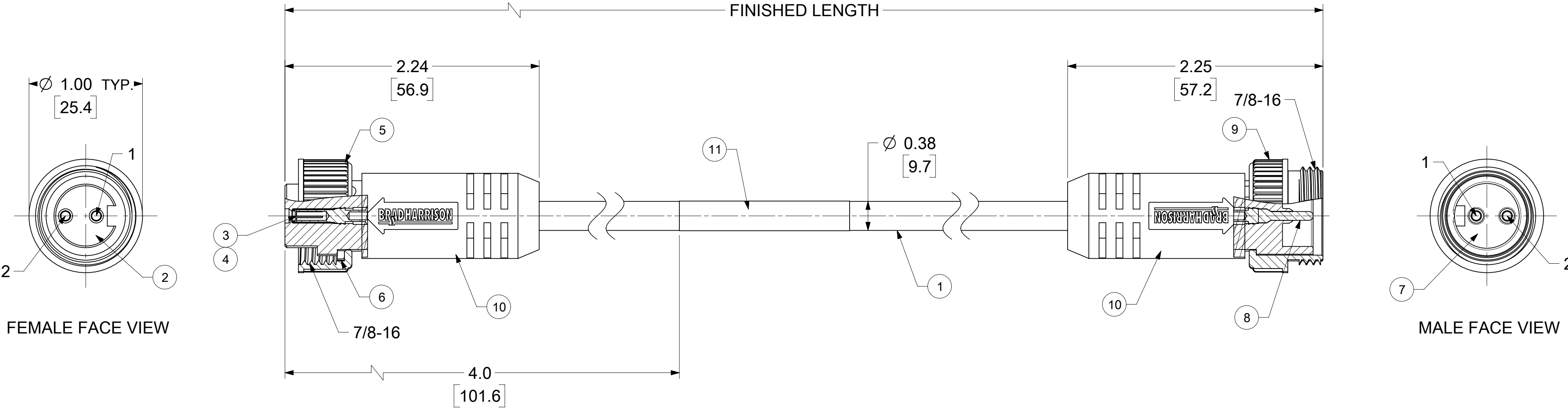
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH



SCALE 1:2

WIRING DIAGRAM

1	WHITE	1
2	BLACK	2



11	LABEL	VINYL	BLACK/YELLOW
10	OVERMOLD	TPE	YELLOW
9	COUPLING NUT, MALE	ZINC DIE-CAST	BLACK E-COAT
8	CONTACT PIN	COPPER ALLOY	SELECTIVE GOLD/NICKEL
7	MALE INSERT	TPE	YELLOW
6	FRICTION RING	NYLON	NATURAL
5	COUPLING NUT, FEMALE	ZINC DIE-CAST	BLACK E-COAT
4	SLEEVE	STAINLESS STEEL	-
3	CONTACT SOCKET	COPPER ALLOY	SELECTIVE GOLD/NICKEL
2	FEMALE INSERT	TPE	YELLOW
1	CABLE, 16/2 AWG	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/11/18 23:03:21
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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: INITIAL RELEASE, PVC CHANGED TO TPE			molex MINI-CHANGE CORDSET, A SIZE 2 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16 AWG					
INCH/MM		1.5:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
		MM	INCH				EC NO: 648668 DRWN: VBASUTHKARP 2020/10/12 CHK'D: RSTONE 2020/11/11 APPR: BWOODMAN 2020/11/18			PRODUCT CUSTOMER DRAWING		
4 PLACES		±	±									
3 PLACES		±	±									
2 PLACES		±	±									
1 PLACE		±	±	INITIAL REVISION: DRWN: VBASUTHKARP 2020/10/12 APPR: BWOODMAN 2020/11/18						DOCUMENT NUMBER		DOC TYPE
0 PLACES		±	±				1300100208		PSD	000	A	
ANGULAR TOL		±	°									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE	SERIES 130010	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1