

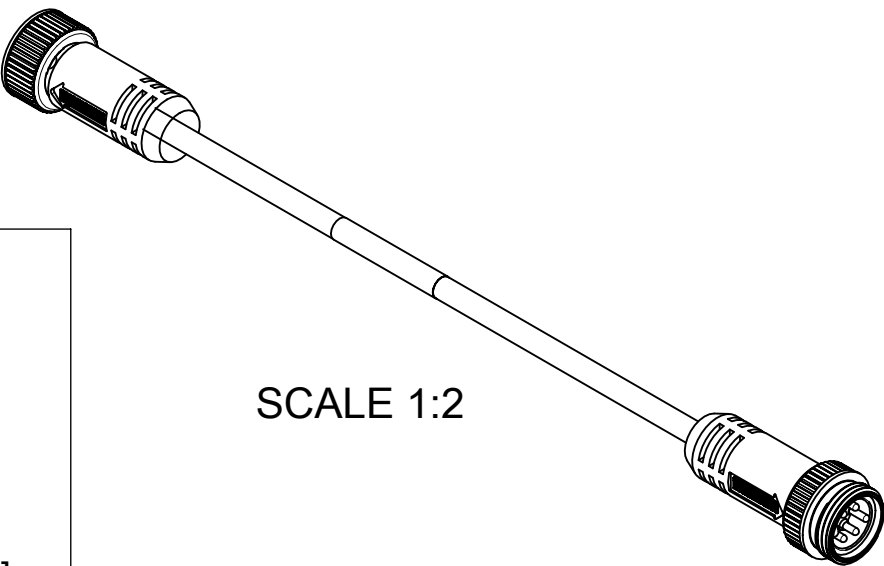
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300101242	115030A01F010	1FT (0.3M)
1300101717	115030A01M420	137FT 9.5IN (42M)
1300101699	115030A01M670	219FT 9.8IN (67M)

- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL SPECIFICATIONS
VOLTAGE RATING: 400V PER IEC60664
600V PER UL2238
 - CURRENT RATING: 8A
 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
115030A01-M005

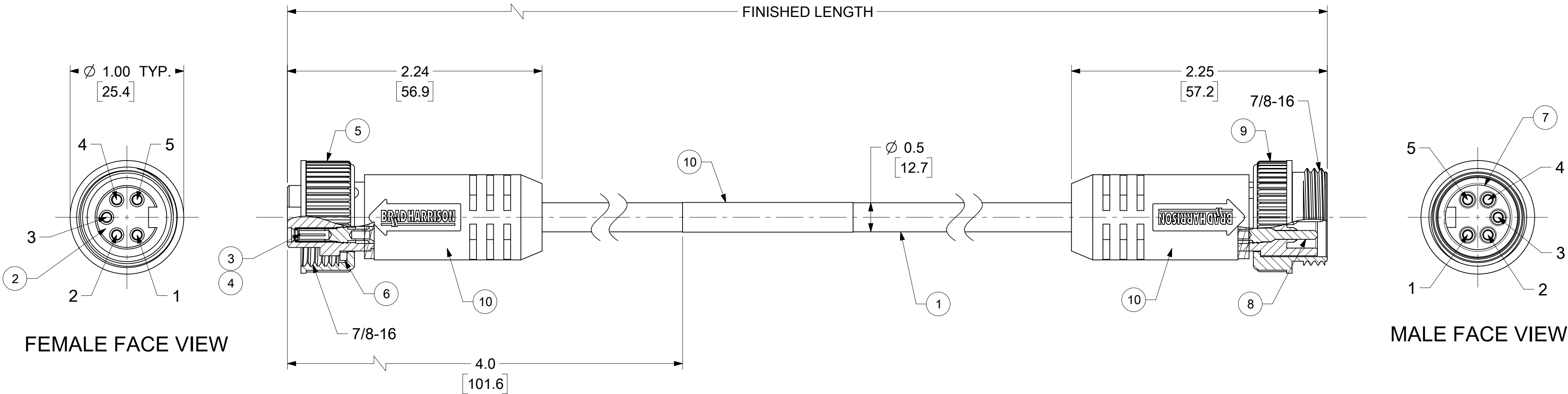
FINISHED LENGTH
F020=2 FEET
F200=20 FEET
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

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



WIRING DIAGRAM

1	WHITE	1
2	RED	2
3	GREEN/YELLOW	3
4	ORANGE	4
5	BLACK	5



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, 16/5 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			<div>molex</div>					
INCH/MM		1.5:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)							MINI-CHANGE CORDSET, A SIZE 5 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16 AWG					
		MM	INCH									
4 PLACES	±	±	±	EC NO: 648668 DRWN: VBASUTHKARP 2020/10/14 CHK'D: RSTONE 2020/11/11 APPR: BWOODMAN 2020/11/18			PRODUCT CUSTOMER DRAWING					
3 PLACES	±	±	±									
2 PLACES	±	±	±									
1 PLACE	±	±	±	INITIAL REVISION: DRWN: VBASUTHKARP 2020/10/14 APPR: BWOODMAN 2020/11/18			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES	±	±	±				1300101253		PSD	000	A	
ANGULAR TOL ± °												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	130010	SEE TABLE		GENERAL MARKET		1 OF 1