

12	11	10	9	8	7	6	5	4	3	2	1
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH	PART NO. MATRIX 116030A01M005								
1300101414	116030A01F030	3FT (0.9M)									
1300101871	116030A01M030	9FT 10IN (3M)									
1300101875	116030A01M060	19 FT 8.2 IN (6M)									
1300102241	116030A01M092	30 FT 2.2 IN (9.2M)									

- 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

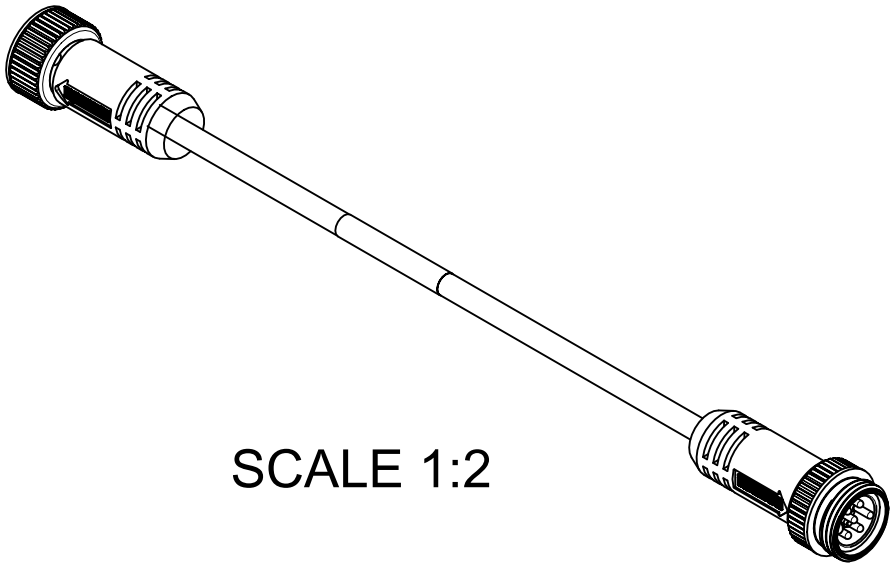
A1

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

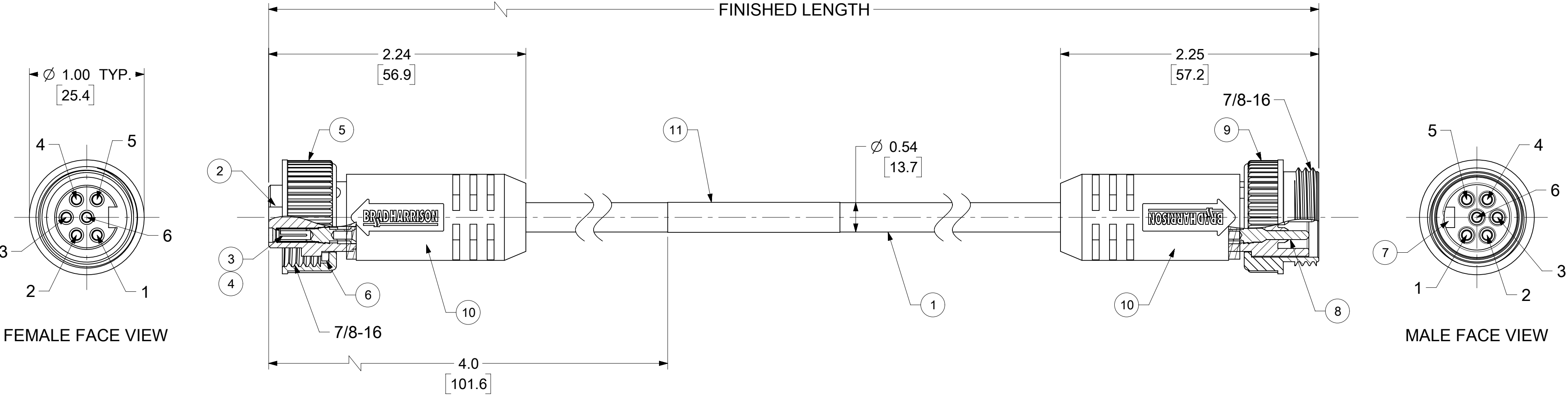
WIRING DIAGRAM

1	WHITE	1
2	RED	2
3	GREEN/YELLOW	3
4	ORANGE	4
5	BLACK	5
6	BLUE	6

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



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, 16/6 AWG	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2021/06/10 21:05:25
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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: ADDED NEW PART NUMBER				molex MINI-CHANGE CORDSET, A SIZE 6 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16 AWG					
INCH/MM		1.5:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 666758 DRWN: ALEON01 2021/06/10 CHK'D: MZIELINSKI 2021/06/10 APPR: BWOODMAN 2021/06/10				PRODUCT CUSTOMER DRAWING					
		MM	INCH	INITIAL REVISION: DRWN: VBASUTHKARP 2020/10/14 APPR: BWOODMAN 2020/11/18				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
4 PLACES		±	±					1300101869		PSD	000	A1	
3 PLACES		±	±										
2 PLACES		±	±										
1 PLACE		±	±										
0 PLACES		±	±										
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	