

12	11	10	9
MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH	
1300102049	113030A01F020	2FT (0.6M)	
1300100481	113030A01M050	16FT 4.8IN (5M)	

PART NO. MATRIX
113030A01-M005

- 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

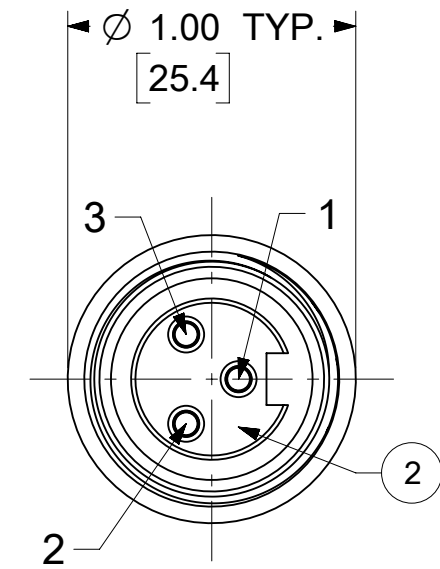
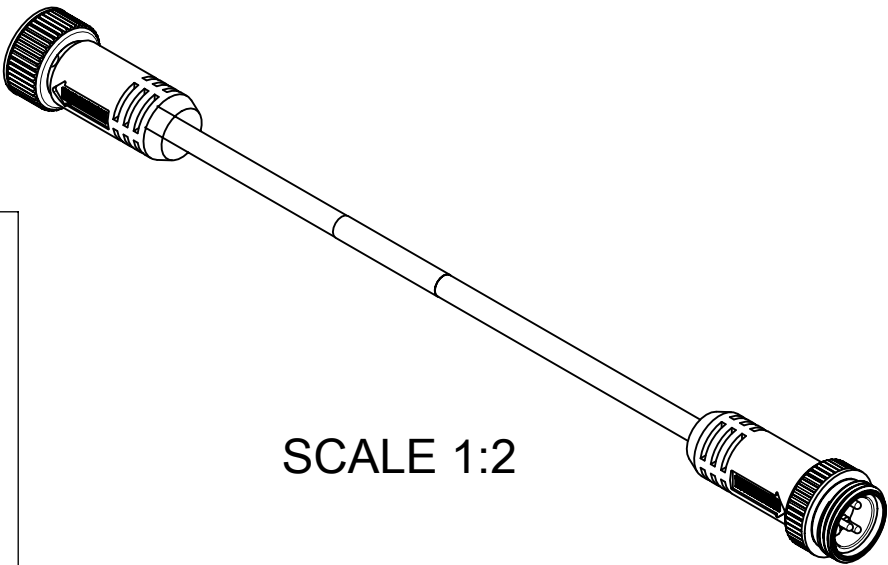
FINISHED LENGTH
F020= 2 FEET
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

WIRING DIAGRAM

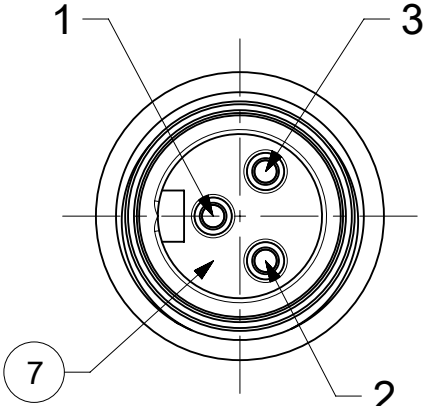
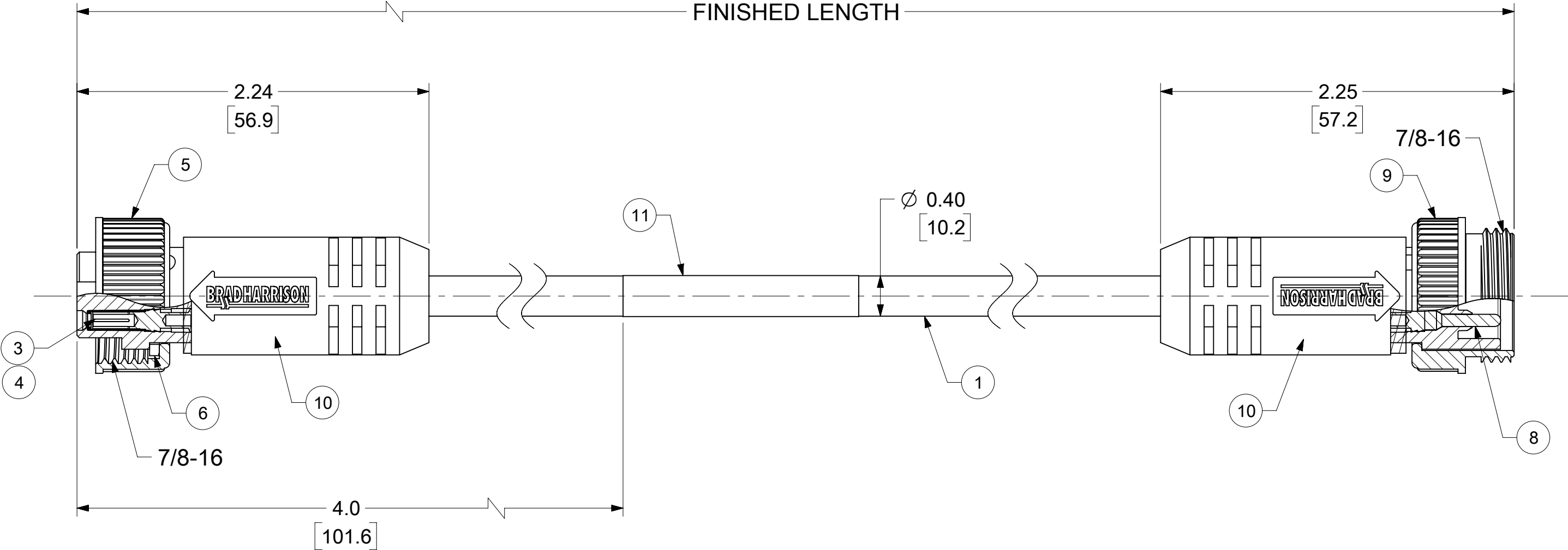
1	GREEN/YELLOW	1
2	BLACK	2
3	WHITE	3

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



FEMALE FACE VIEW



MALE FACE VIEW

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 16/3 AWG	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH
DOCUMENT STATUS	P1	RELEASE DATE	2025/08/08 08:08:06

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: REMOVED OBSOLETE PART NUMBER AS PER PCN #516685		molex				
INCH/MM		1.5:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
	MM	INCH								
4 PLACES	±					EC NO: 830094 DRWN: PRANAA 2025/07/28 CHK'D: GB 2025/08/08 APPR: GB 2025/08/08		MINI-CHANGE CORDSET, A SIZE 3 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16 AWG		
3 PLACES	±	±								
2 PLACES	±	±								
1 PLACE	±	±		PRODUCT CUSTOMER DRAWING						
0 PLACES	±	±								
ANGULAR TOL		±	°							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				C-SIZE	130010	1300102049		PSD	000	A1
						SEE TABLE		GENERAL MARKET		SHEET NUMBER
								1 OF 1		

molex

MINI-CHANGE CORDSET, A SIZE
3 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16
AWG

PRODUCT CUSTOMER DRAWING

1300102049

PSD 000 A1