

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300102049	113030A01F020	2FT (0.6M)
1300100481	113030A01M050	16FT 4.8IN (5M)
1300100480	113030A01F850	85FT (25M)

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

113030A01-M005

FINISHED LENGTH

F020= 2 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]

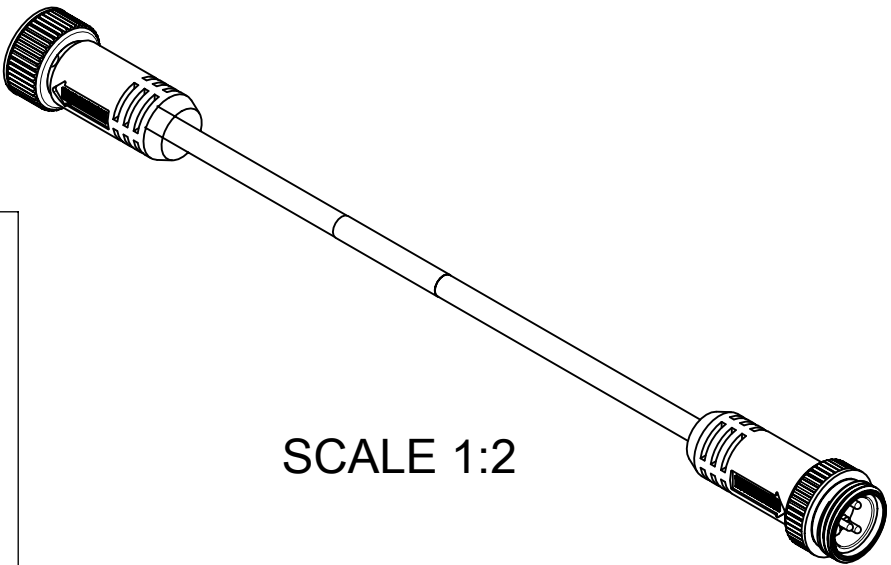
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

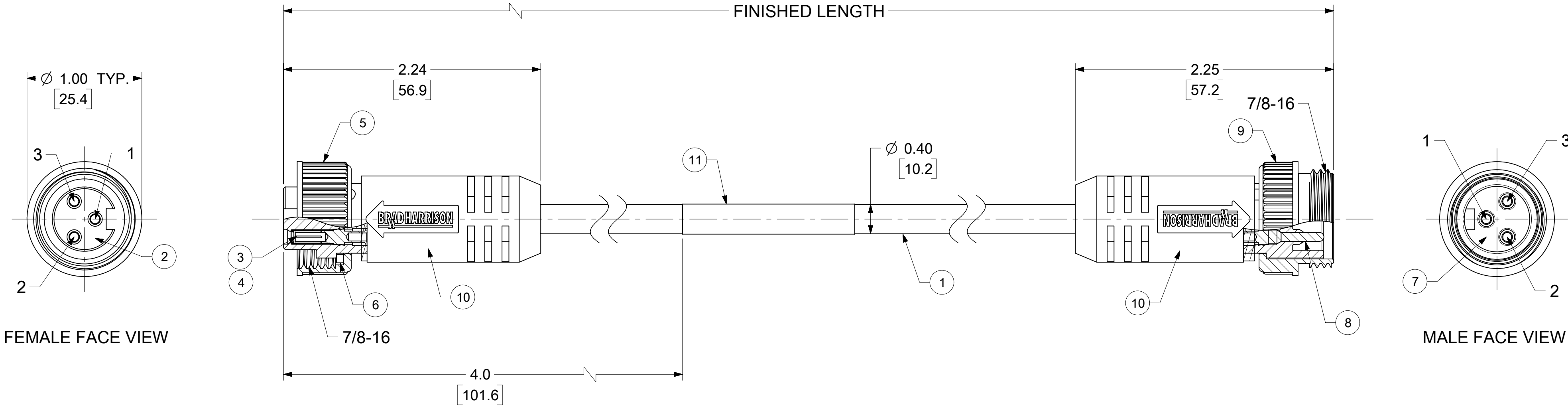
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

OVER 30M [100FT] +2% OF FINISHED LENGTH

WIRING DIAGRAM		
1	GREEN/YELLOW	1
2	BLACK	2
3	WHITE	3



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 16/3 AWG	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/11/18 23:03:22
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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 EC NO: 648668 DRWN: V BASUTHKARP 2020/10/13 CHK'D: RSTONE 2020/11/11 APPR: BWOODMAN 2020/11/18 INITIAL REVISION: DRWN: V BASUTHKARP 2020/10/13 APPR: BWOODMAN 2020/11/18			molex MINI-CHANGE CORDSET, A SIZE 3 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 16 AWG							
INCH/MM		1.5:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)														
	MM	INCH	PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
4 PLACES	±	±					1300102049		PSD	000	A			
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			

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

1300102049 PSD 000 A