

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300080154	302000A01F030	3 FT. (0.91 M)
1300080165	302000A01F200	20 FT. (6.10 M)
1300080188	302000A01M100	32.8 FT. (10 M)

Ø 1.25
[31.8]

12

6

5

11

4

3

7

8

9

1

10

2

FEMALE FACE VIEW

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

VOLTAGE: 320V PER IEC60664

600V PER UL2238

CURRENT: 5A

4. TEMP RATING: -20°C TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. CSA CERTIFIED FILE: LR6837

7. UL RECOGNIZED FILE: E152210

8. COUPLING THREAD: 1 1/8"-16UN

9. ASSEMBLY IS ROHS COMPLIANT

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

7	LABEL	VINYL	BLACK/YELLOW
6	OVERMOLD	TPE	YELLOW
5	COUPLING NUT	ZINC DIE CAST	BLACK E-COAT
4	FRICTION RING	NYLON	NATURAL
3	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
2	INSERT, FEMALE, 12 POLE	TPE	YELLOW
1	#16-12 CABLE, STOOW/ST	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2021/08/27	14:24:18
12	11	10	9	8
7	6	5	4	3
2	1			

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]

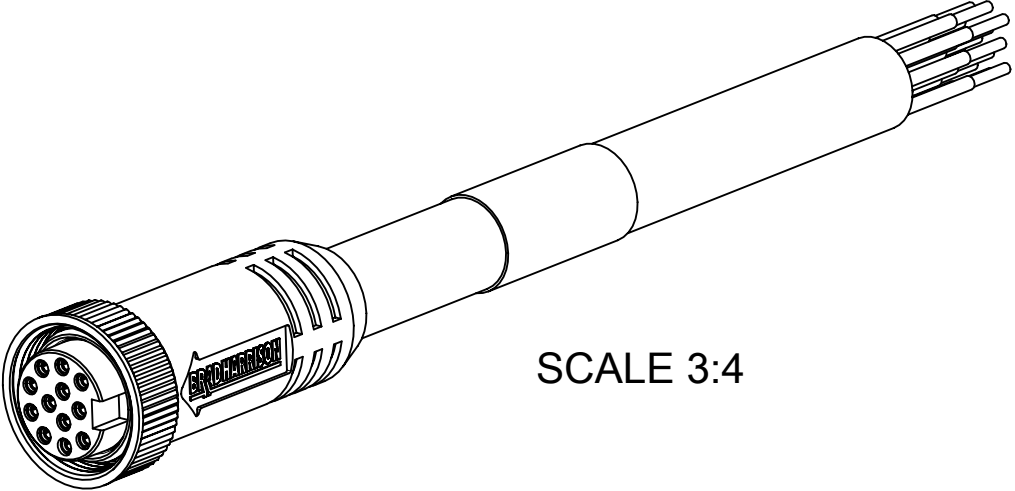
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

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 3:4



FINISHED LENGTH

2.79
[70.9]

4.00
[101.6]

Ø 0.71
[18.0]

0.38
[9.7]

3.25
[82.6]

P1

BRADHARRISON

P/N XXXXX

1

WIRING DIAGRAM

P1

1	ORANGE
2	BLUE
3	WHITE/BLACK TRACE
4	RED/BLACK TRACE
5	GREEN/BLACK TRACE
6	ORANGE/BLACK TRACE
7	BLUE/BLACK TRACE
8	BLACK/WHITE TRACE
9	GREEN/YELLOW GND
10	RED
11	WHITE
12	BLACK

PART NUMBER MATRIX

302000A01F030

FINISHED LENGTH

F001= .1 FT

F020= 2 FT

F200= 20 FT

M005= 0.5 METER

M010= 1 METER

M100= 10 METER

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: UPDATED ITEM #2,6,7, LABEL DIM. AND MATERIAL P/N TABLE . ADDED CSA, UL, IEC VOLT, TEMP RATING, IP RATING, TOL. CHART, PART NUMBER MATRIX AND CABLE DIA.					
INCH/MM		1.5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
		MM	INCH						
4 PLACES	±		±	EC NO: 673727					
3 PLACES	±		±	DRWN: AKABADI 2021/06/24					
2 PLACES	±		± 0.01	CHK'D: RSTONE 2021/08/13					
1 PLACE	±	0.3	±	APPR: BWOODMAN 2021/08/27					
0 PLACES	±		±	INITIAL REVISION:					
ANGULAR TOL ± 0.5 °				DRWN: BRUPERT 2009/08/24		APPR: JFMURPHY 2009/08/27			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
						C-SIZE	130008	SEE TABLE	GENERAL MARKET
								SHEET NUMBER	
								1 OF 1	

moLEX

MINI-CHANGE CORDSET, C SIZE

12 POLE, FEMALE, STRAIGHT, SINGLE KEY, 16AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-130008-014

DOC TYPE

PSD

DOC PART

001

REVISION

B