

PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300100305	113020C01F030	3 FT [0.91M]
1300101881	113020C01F400	40 FT [12.2M]
1300100326	113020C01F750	75 FT [22.9M]

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

MALE FACE VIEW

FINISHED LENGTH

FEMALE FACE VIEW

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

VOLTAGE: 500V PER IEC60664

600V PER UL2238

CURRENT: 13A

4. TEMP RATING: -20°C TO +90°C

5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREADS: 7/8"-16UN

7. CSA CERTIFIED FILE: LR6837

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

WIRING DIAGRAM

P1		S2
1	GREEN	1
2	RED/BLACK	2
3	RED/WHITE	3

PART NUMBER LEGEND

113020C01F030

FINISHED LENGTH

F010 = 1 FT

F050 = 5 FT

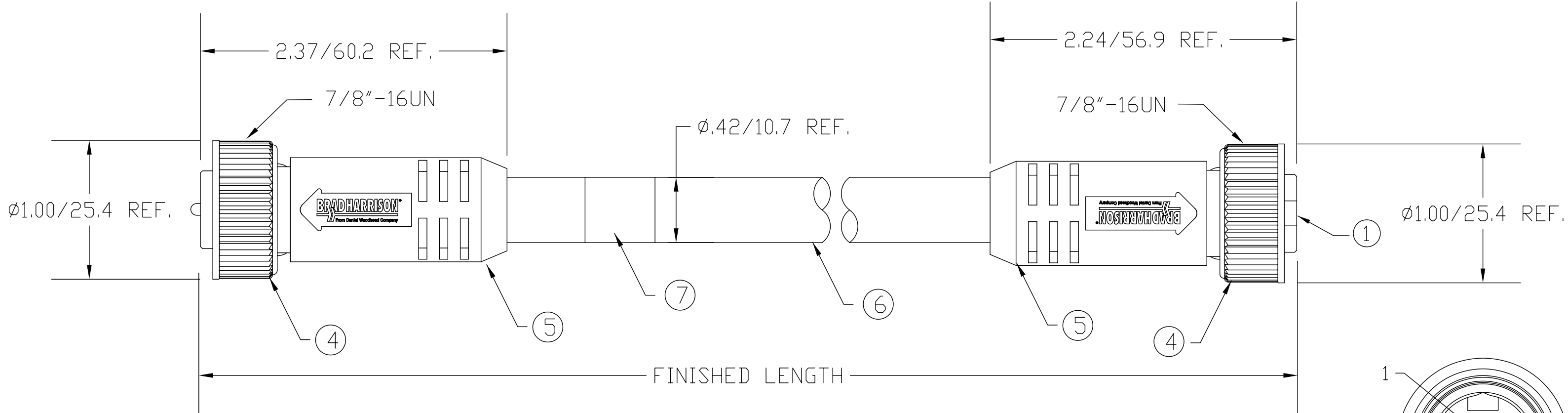
F100 = 10 FT

10	WRAP LABEL	VINYL	BLACK/YELLOW
9	OVERMOLDS	TPE	YELLOW
8	FRICTION RING	NYLON	WHITE
7	FEMALE COUPLING NUT	ZINC DIE CAST	BLACK E-COAT
6	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
5	FEMALE INSERT	TPE	YELLOW
4	MALE COUPLING NUT	ZINC DIE CAST	BLACK E-COAT
3	PIN CONTACT	Cu ALLOY	GOLD OVER NICKEL
2	MALE INSERT	TPE	YELLOW
1	#16-3, CABLE	CPE	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2023/10/17	09:20:37
12	11	10	9	8

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
$\frac{F}{A} = 0$ $\frac{F}{C} = 0$ $\frac{F}{P} = 0$	DIMENSION UNITS	SCALE					
	INCH/MM	1.3:1					
	GENERAL TOLERANCES (UNLESS SPECIFIED)						
DIVISIONAL SYMBOLS		MM	INCH				
	4 PLACES	± ---	± ---				
	3 PLACES	± ---	± ---				
	2 PLACES	± ---	± SEE CHART				
	1 PLACE	± SEE CHART	± ---				
	0 PLACES	± ---	± ---				
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

MATERIAL NUMBER	OLD PART NUMBER	FINISHED LENGTH
130010-0305	113020C01F030	3.00' +1.75" -0 [.9M +44.5 -0]
130010-0307	113020C01F060	6.00' +2.19" -0 [1.8M +55.6 -0]
130010-0311	113020C01F090	9.00' +3.50" -0 [2.7M +88.9 -0]
130010-0312	113020C01F120	12.00' +3.50" -0 [3.7M +88.9 -0]
130010-0315	113020C01F150	15.00' +6.50" -0 [4.6M +165.1 -0]
130010-0316	113020C01F200	20.00' +6.50" -0 [6.1M +165.1 -0]
130010-0319	113020C01F250	25.00' +12.50" -0 [7.6M +317.5 -0]



NOTE

1) MATERIAL: SEE TABLE

2) FINISHES: SEE TABLE

3) WRAP LABEL IS MARKED WITH P/N, DATE CODE, VOLTAGE & AMPERAGE

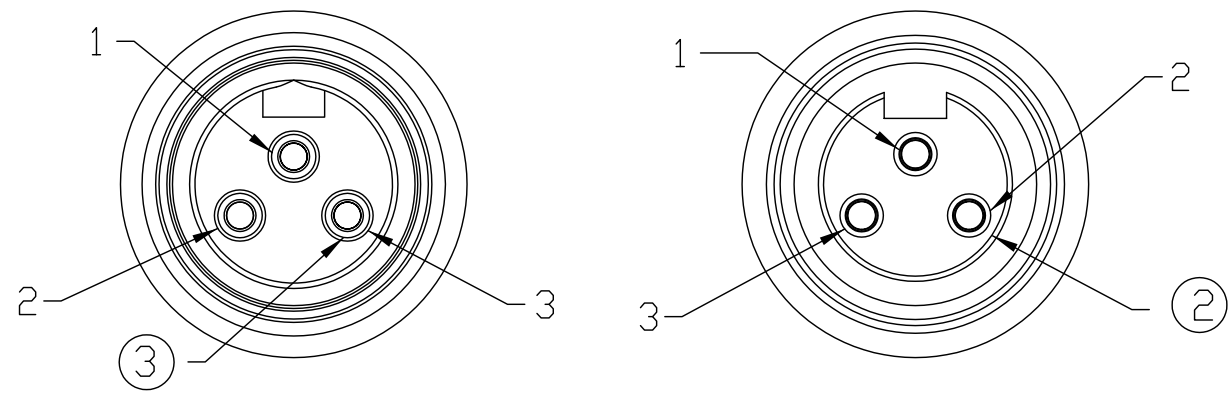
4) MATES WITH: MINI CHANGE, 3 POLE RECEPTACLE

5) ELECTRICAL DATA:
FEMALE A-SIZE TO MALE A-SIZE CORDSET
16AWG UNSHIELDED
POLES: 3
MAX. VOLTAGE: 600V
MAX. CURRENT 13A
PROTECTION IP67
TEMPERATURE RANGE: -20°C TO 90°C

6) PACKAGING:
CABLE ASSEMBLIES ARE BAGGED SEPERATELY
IN POLY BAGS WITH BAR CODE LABEL ATTACHED
TO OUTSIDE OF BAG.

7) ASSEMBLY IS RoHS COMPLIANT.

8) CERTIFICATION
CSA CERTIFIED, FILE NO. LR6837



MALE FACE VIEW FEMALE FACE VIEW

1	GREEN-GND	1
2	RED WITH BLACK	2
3	RED WITH WHITE	3

WIRING DIAGRAM

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	PVC	YELLOW
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
4	COUPLING NUT	ZINC DIE CAST	BLACK E-COATED
5	OVERMOLD	PVC	YELLOW
6	CABLE- 16AWG-3 600V, SOO	RUBBER	YELLOW
7	LABEL	MYLAR	BLACK/YELLOW

RLSD DRAWING EC NO: WNA2010-0418 DRWN: BWOODMAN2009/12/30 CHKD: VOU APPR: JFMURPHY 2010/01/08 A	DESCRIPTION REV	QUALITY SYMBOL <div>▽=0</div> <div>▽C=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY	DATE	TITLE MINI-CHANGE CORDSET 3 POLE MALE/FEMALE 16 AWG SOO CABLE MOLEX INCORPORATED					
			4 PLACES	±---	±---	----	----						
			3 PLACES	±---	±.005	CHECKED BY	DATE						
			2 PLACES	±0.13	±.010	VOU	2009/12/30						
			1 PLACE	±0.25	±.020	APPROVED BY	DATE						
			ANGULAR ±1/2°			JFMURPHY	2010/01/07	molex	SD-130010-010				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART			DOCUMENT NO.		SHEET NO.		
									SD-130010-010		1 OF 1		
						SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						