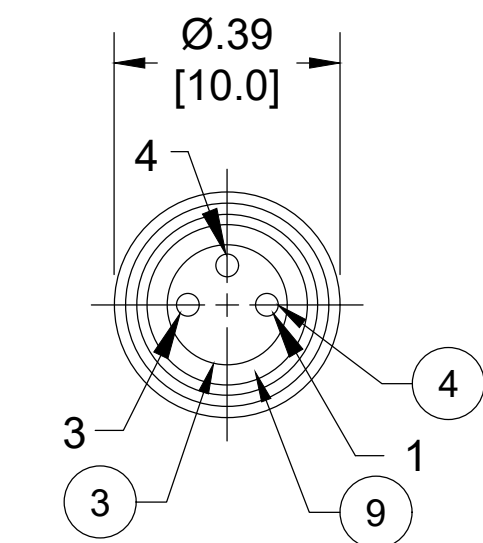


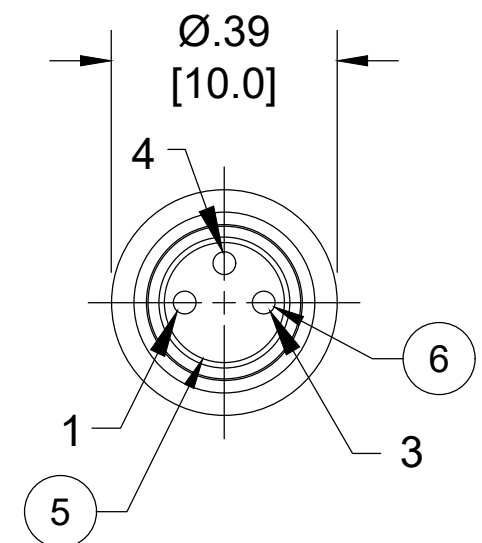
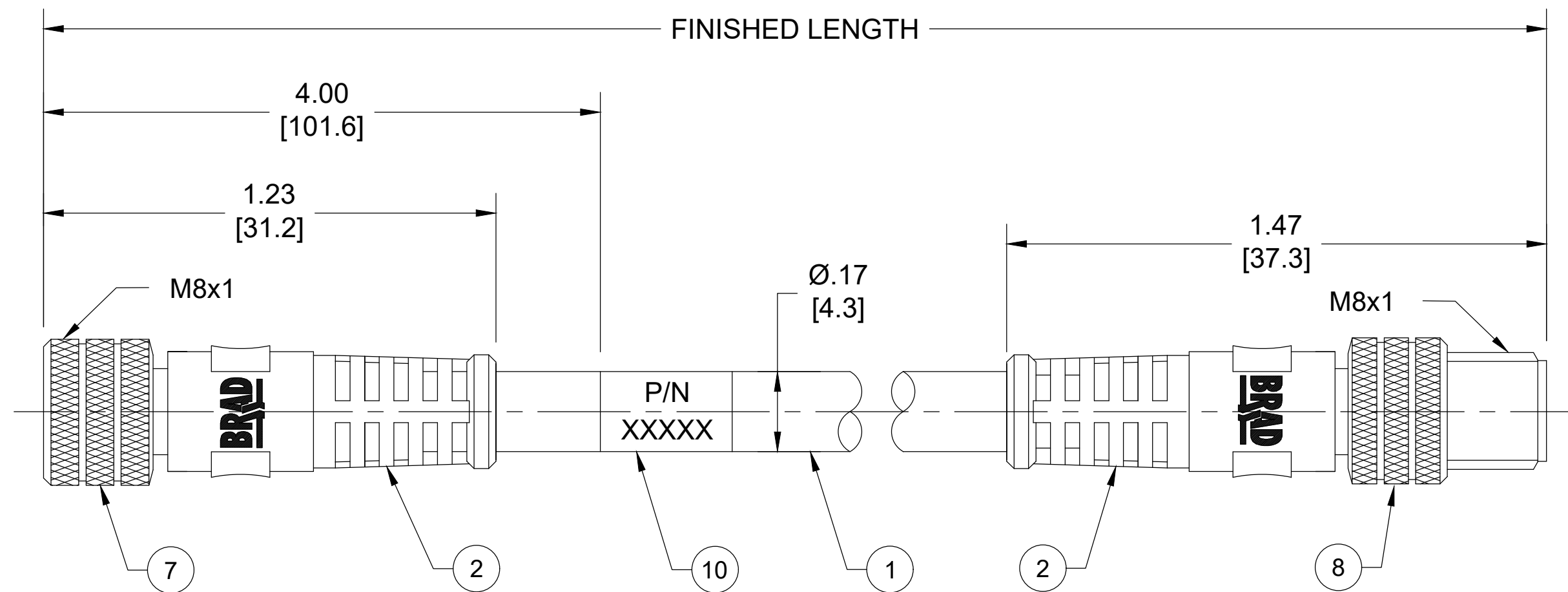
[illegible]

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE : 60 VAC / 75 VDC
CURRENT: 4A
4. TEMP RATING: -20° TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
7. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE



FEMALE FACE VIEW



MALE FACE VIEW

10	WRAP LABEL	VINYL	YELLOW	B
9	O-RING	VITON	RED	
8	MALE COUPLING NUT	BRASS	NICKEL PLATED	B
7	FEMALE COUPLING NUT	BRASS	NICKEL PLATED	B
6	PIN CONTACT	COPPER ALLOY	GOLD PLATED	B
5	MALE INSERT	PUR	BLACK	
4	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED	B
3	FEMALE INSERT	PUR	BLACK	
2	OVERMOLD	TPC	YELLOW	B
1	CABLE #24/3 AWG	PVC	YELLOW	
ITEM	COMPONENT	MATERIAL	FINISH	

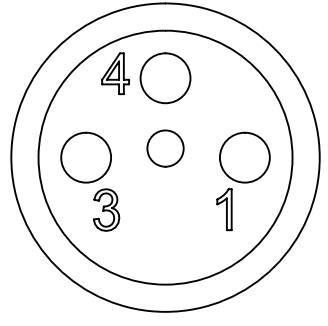
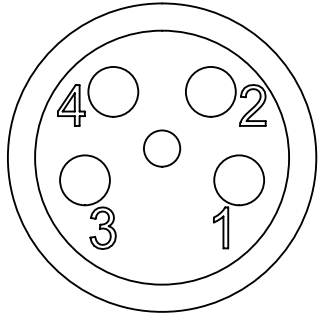
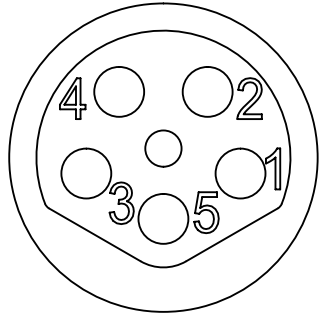
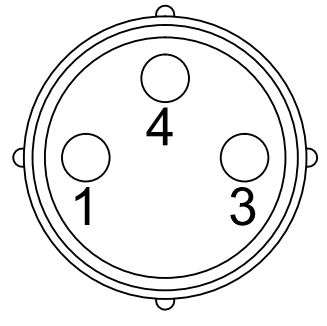
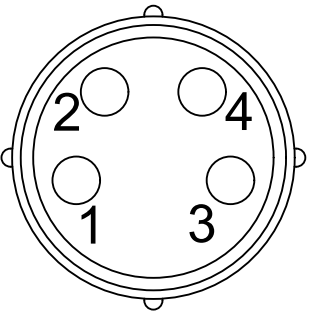
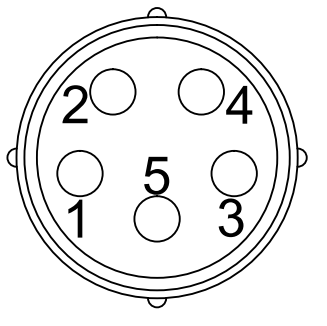
1	BROWN	1
3	BLUE	3
4	BLACK	4

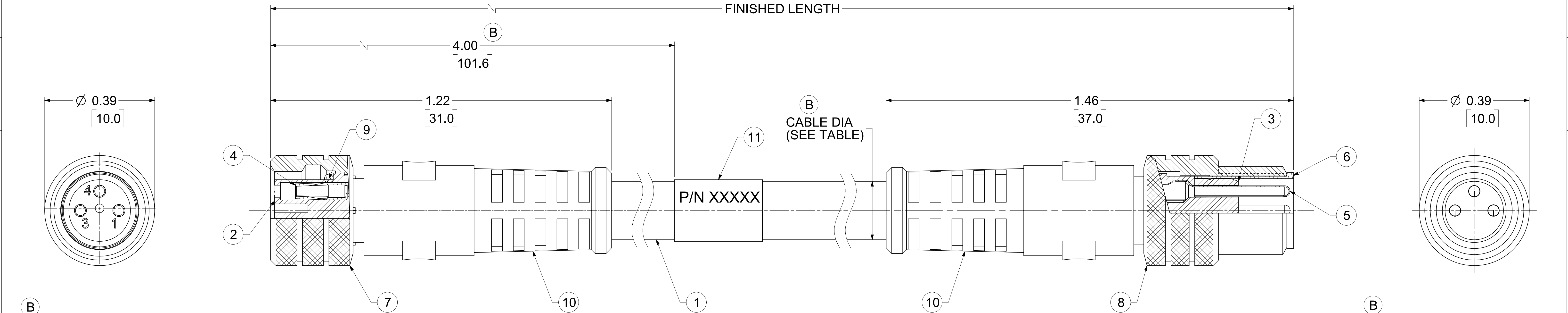
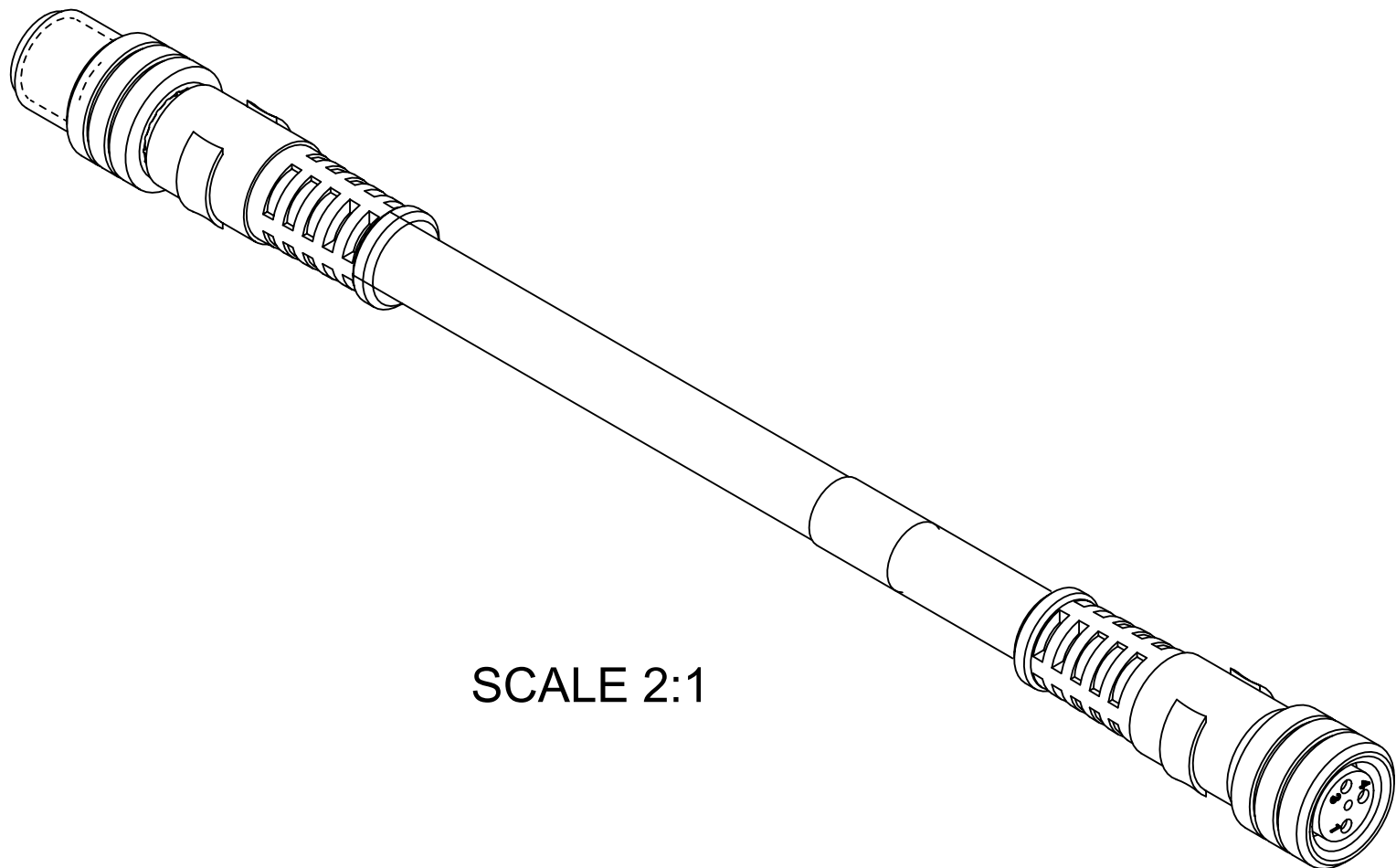
WIRING DIAGRAM

B	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
---	--

FUNCTIONAL SYMBOLS	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: OVERMOLD WAS TPE. INSERTS WERE PBT. COUPLING NUT FINISH MODIFIED. ITEM-10 WAS MYLAR. ADDED PN LEGENG & TOL CHART. MODIFIED PN CHART				molex				
	INCH/MM		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
		mm	INCH										
	F_A=0	4 PLACES		±----	±----	DRWN: ABENJAMINLW	2024/10/03		NANO-CHANGE CORDSET, M8 3 POLE, MALE-FEMALE, STRAIGHT, #24 AWG				
	F_E=0	3 PLACES		±----	±----	CHK'D: PDODDAMANEMY	2024/10/04						
	F_P=0	2 PLACES		±----	±----	APPR: BWOODMAN	2024/10/04						
	DIVISIONAL SYMBOLS	1 PLACE		±----	±----	INITIAL REVISION:				PRODUCT CUSTOMER DRAWING			
		0 PLACES		±----	±----	DRWN: BWOODMAN	2009/03/26						
ANGULAR TOL ± ---- °		APPR: JFMURPHY	2009/04/01										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER						
				C-SIZE	120087	SEE CHART	GENERAL MARKET		1 OF 1				
DOCUMENT NUMBER						DOC TYPE\DOC PART		REVISION					
SD-120087-004						PSD		001		B			

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1200870074	443030A10M010	1M [3 FT 3 IN]
1200870098	444030A10M050	5M [16 FT 5 IN]
1200871070	445030A10M160	16M [52 FT 5.9 IN]

FEMALE INSERT FRONT VIEW			MALE INSERT FRONT VIEW		
3 POLE	4 POLE	5 POLE	3 POLE	4 POLE	5 POLE
					
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY	1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GREY



- NOTES:
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 60VAC/75VDC
CURRENT: 4A (3&4 POLE), 3A (5 POLE)
 4. TEMP RATING: -20°C TO +105°C
 5. PROTECTION: IP67 (WHEN MATED)
 6. COUPLING THREAD: M8x1
 7. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
 8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

PART NUMBER LEGEND

443030A10M050

- 3- 3 POLES
4- 4 POLES
5- 5 POLES
- FINISHED LENGTH
M001 = .1 METER
M010 = 1 METER
M100 = 10 METER
- A240= 24 INCHES
F001= .1 FT
F020= 2 FT
F200= 20 FT

11	WRAP LABEL	VINYL	BLACK/YELLOW
10	OVERMOLD	TPC	YELLOW
9	GASKET	VITON	RED
8	MALE COUPLING NUT	BRASS	NICKEL PLATED
7	FEMALE COUPLING NUT	BRASS	NICKEL PLATED
6	MALE SLEEVE	BRASS	COPPER/NICKEL
5	PIN CONTACT	Cu ALLOY	GOLD OVER NICKEL
4	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
3	MALE INSERT	PUR	BLACK
2	FEMALE INSERT	PUR	BLACK
1	CABLE, 3-5P, 24AWG, PVC	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH
DOCUMENT STATUS	P1	RELEASE DATE	2022/04/08 14:05:50

FOR 4-5 POLE ONLY (SCREW MACHINE CONTACT)
(5 POLE CABLE SHOWN)

POLES	CABLE DIA.
3	0.17
4	0.18
5	0.20

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

FUNCTIONAL SYMBOLS

FA

=

0

FC

=

0

FP

=

0

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

INCH/MM

SCALE

6:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	±	°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

D-SIZE

CURRENT REV DESC: ITEM 10 WAS TPE & MATERIAL TABLE. ADDED STD. NOTES, PART NUMBER LEGEND, TOL. TABLE, CABLE DIA. REMOVED 4&5 POLE INFO TO CREATE SEPARATE PSD.

EC NO: 701162

DRWN: AKABADI

CHK'D: RSTONE

APPR: BWOODMAN

2021/09/23

2022/03/30

2022/04/08

INITIAL REVISION:

DRWN: NKUMAR01

APPR: JFMURPHY

16/07/09

16/07/09

DOCUMENT NUMBER

SD-120087-092

DOC TYPE

PSD

DOC PART

001

REVISION

B

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

120087

GENERAL MARKET

1 OF 1