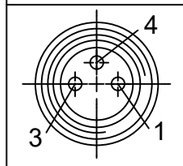
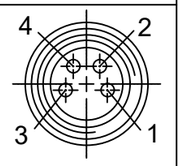
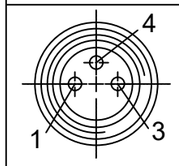
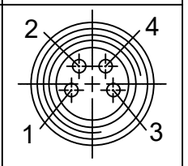
FEMALE FACE VIEW	
3-POLE	4-POLE
	
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK

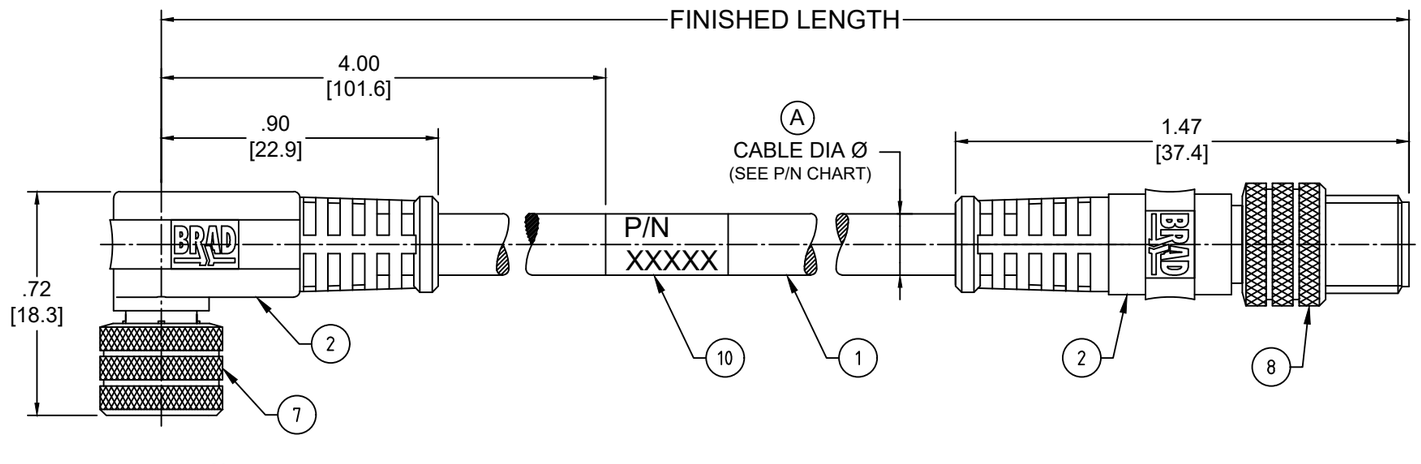
Ⓐ

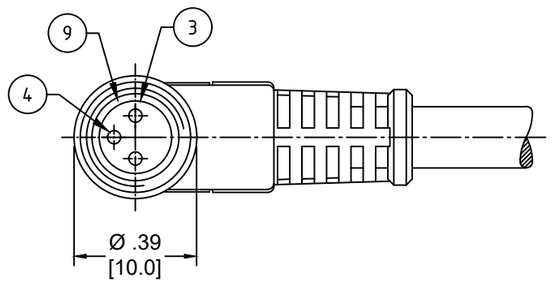
MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH	POLES	CABLE DIA
1200870242	443031A10M006	0.6M [2 FT]	3	.17 /4.3
1200870248	443031A10M050	5M [16 FT 5 IN]		
1200878583	444031A10M006	0.6M [2 FT]	4	.18/4.5
1200870107	444031A10M050	5M [16 FT 5 IN]		

MALE FACE VIEW	
3-POLE	4-POLE
	
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK

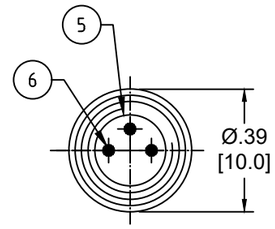
NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE : 60VAC/75VDC
   CURRENT: 4A Ⓐ
4. TEMP RATING: -20° TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M8 X 1
7. UL LISTED FILE: E152210
   CSA CERTIFIED FILE: LR6837
8. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE





FEMALE FACE VIEW



MALE FACE VIEW

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

PART NUMBER LEGEND

443031A10M006

- 443031A10 — POLES (3 & 4)
- M006 — LENGTH
  - M001 = .1 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

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

FUNCTIONAL SYMBOLS: FA=0, FC=0, FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: NTS

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

CURRENT REV DESC: ITEM #2 WAS TPE. ITEM #10 WAS MYLAR. CURRENT WAS 3A. ADDED CABLE DIA & TOL CHART. MODIFED PN CHART.

EC NO: 698297
DRWN: ABENJAMINLW 2021/05/11
CHK'D: RSTONE 2022/03/16
APPR: BWOODMAN 2022/03/26

INITIAL REVISION:
DRWN: REISSNER 2010/02/01
APPR: FPACHER 2010/02/05

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120087

molex

NANO-CHANGE CORDSET, M8
3-4 POLE, MALE STRAIGHT, FEMALE 90DEG,
#24 AWG PVC

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120087-005	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/26 00:24:59

FORMAT: ACAD-lb-prod-A3
REVISION: B
DATE: 2020/01/14