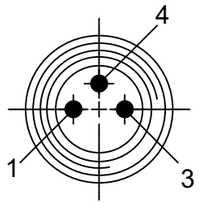
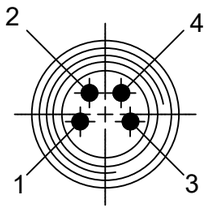
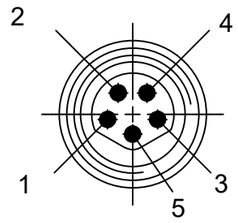
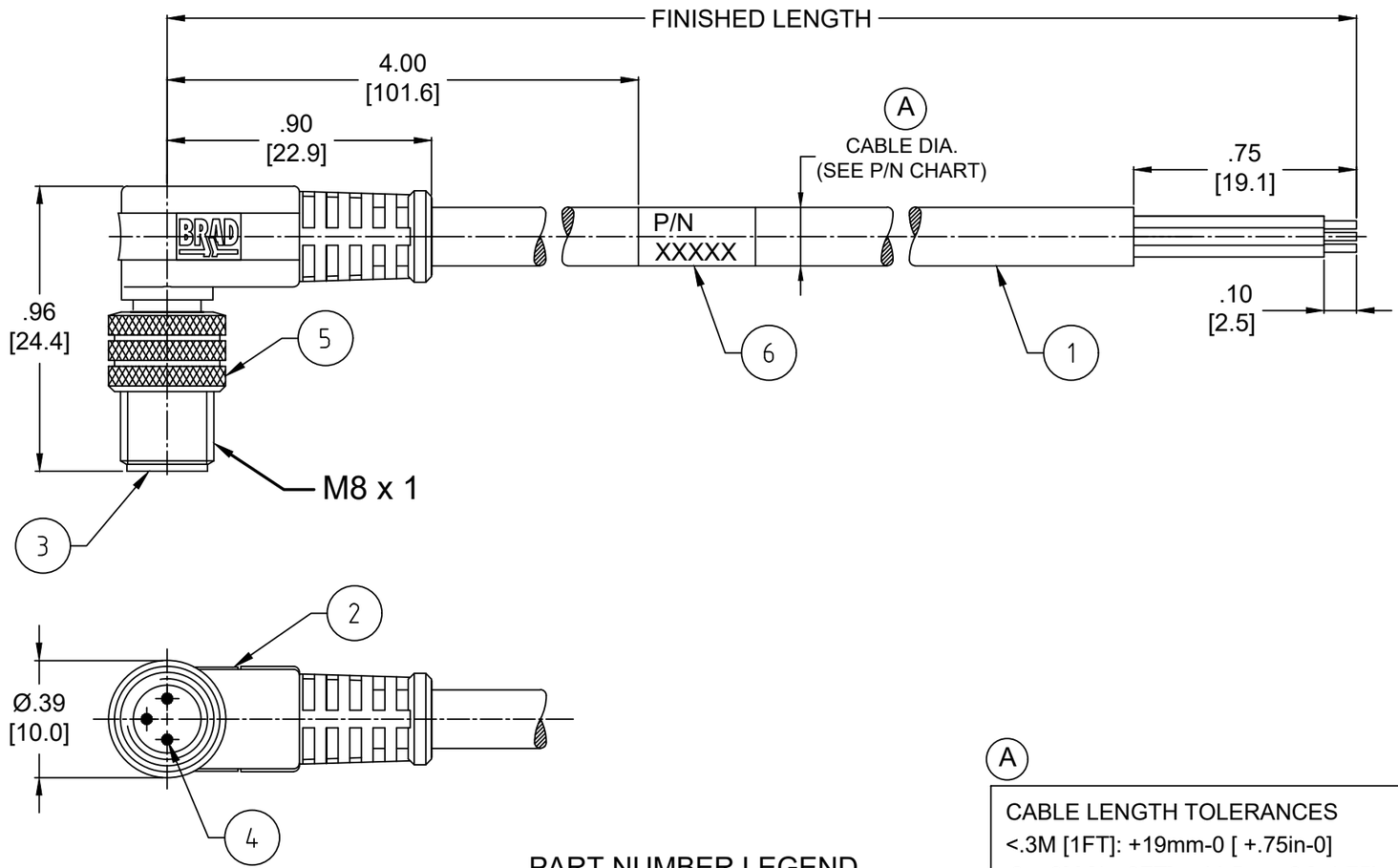
MALE FACE VIEW		
3 POLE	4 POLE	5 POLE
		
WIRING DIAGRAM		
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GRAY

A	PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
	1200860031	403007A10M010	1M [3FT 3 IN]	3	.17 [4.3]
	1200860210	405007A10M020	2M [6FT 7 IN]	5	.20 [5.1]
	1200860605	404007A10M100	100M [328FT 1 IN]	4	.18 [4.5]



NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE - 3P & 4P: 60V/AC 75V/DC
   5P: 30V/AC 36V/DC
   CURRENT - 3P & 4P: 4A (A)
   5P: 3A
4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP68 (WHEN MATED)
6. UL LISTED FILE: E152210 (A)
   CSA CERTIFIED FILE: LR6837
7. ALL DIMENSIONS ARE FOR REFERENCE
   UNLESS TOLERANCED OR NOTED OTHERWISE

ITEM	DESCRIPTION	MATERIAL	FINISH	
6	WRAP LABEL	VINYL	BLACK/YELLOW	A
5	COUPLER	BRASS	NICKEL PLATED	
4	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL	
3	INSERT	PUR	BLACK	
2	OVERMOLD	TPC	YELLOW	A
1	#24/3-5 CABLE	PVC JACKET	YELLOW	

PART NUMBER LEGEND

403007A10M010

- 403007A10 — POLES (3, 4 & 5)
- M010 — FINISHED LENGTH
  - M005 = 0.5 METER
  - M010 = 1 METER
  - M100 = 10 METER

(A)

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: FAI=0, FAC=0, FAP=0; DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
INCH/MM	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 #6 WAS MYLAR. ADDED UL, CSA, CABLE DIA & TOL CHART. MODIFIED CURRENT RATING & PN CHART.

EC NO: 698297
DRWN: ABENJAMINLW 2021/05/07
CHK'D: RSTONE 2022/03/16
APPR: BWOODMAN 2022/03/26

INITIAL REVISION:
DRWN: REISSNER 2010/01/21
APPR: NSTAUDIG 2010/01/29

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120086

molex

NANO-CHANGE CORDSET, M8
3-5 POLE, MALE 90DEG, #24 AWG PVC CABLE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-120086-030	PSD	001	A

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/26 00:24:57

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