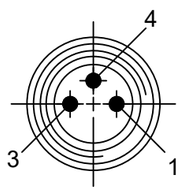
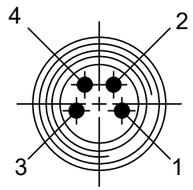
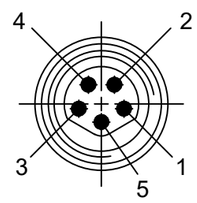
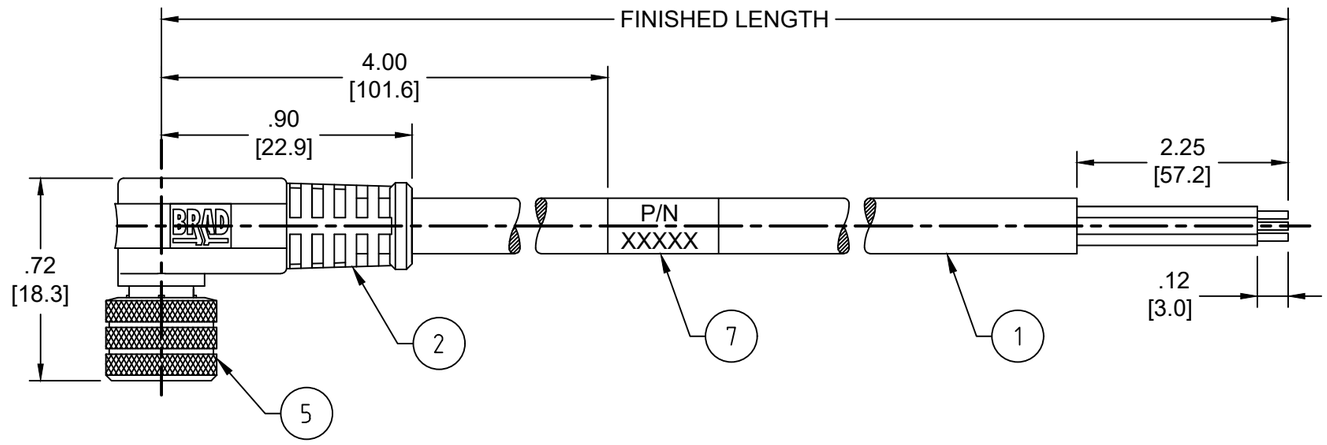
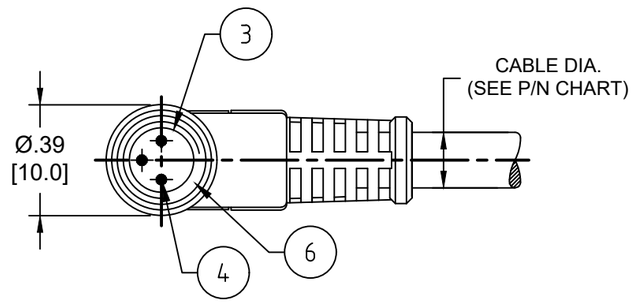
FEMALE FACE VIEW		
3 POLE	4 POLE	5 POLE
		
WIRING DIAGRAM		
1 BROWN 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK	1 BROWN 2 WHITE 3 BLUE 4 BLACK 5 GRAY

PART NO	ENGINEERING NO.	FINISHED LENGTH	POLES	CABLE DIA.
1200860118	403001A10M010	1M [3FT 3 IN]	3	.17 [4.3]
1200860178	404001A10M050	5M [16FT 5 IN]	4	.18 [4.6]





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
   5P: 3A
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

PART NUMBER LEGEND

403001A10M010

POLES (3, 4 & 5)

FINISHED LENGTH
M005= 0.5 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

ITEM	DESCRIPTION	MATERIAL	FINISH
7	WRAP LABEL	VINYL	BLACK/WHITE
6	O-RING	VITON	RED
5	COUPLING NUT	BRASS	NICKEL PLATED
4	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
3	INSERT	PUR	BLACK
2	OVERMOLD	TPC	YELLOW
1	#24/3-5 CABLE	PVC	YELLOW

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: 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: REMOVED OBSOLETED PART NUMBER AS PER PCN#517032

EC NO: 832804
DRWN: PONNAM 2025/08/18
CHK'D: GGA 2025/09/10
APPR: GGA 2025/09/10

INITIAL REVISION:
DRWN: ABENJAMINLW 2022/07/01
APPR: BWOODMAN 2024/04/11

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 120086 | MATERIAL NUMBER: SEE CHART | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 1 OF 1

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1200860118	PSD	000	A1

DOCUMENT STATUS: P1 | RELEASE DATE: 2025/09/10 12:55:40

FORMAT: IN-ACAD-tb-prod-B
REVISION: C
DATE: 2022/10/04