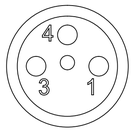
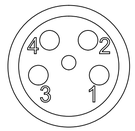
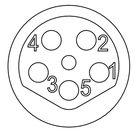
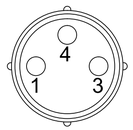
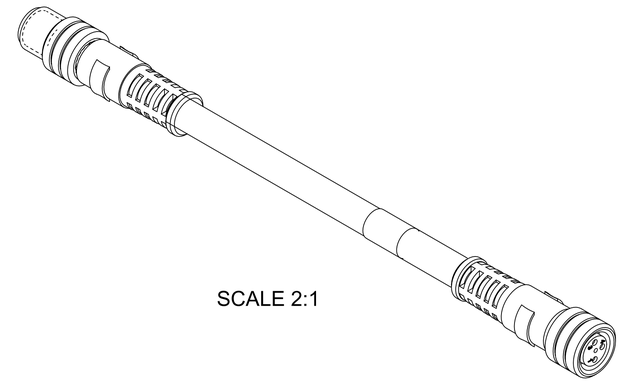
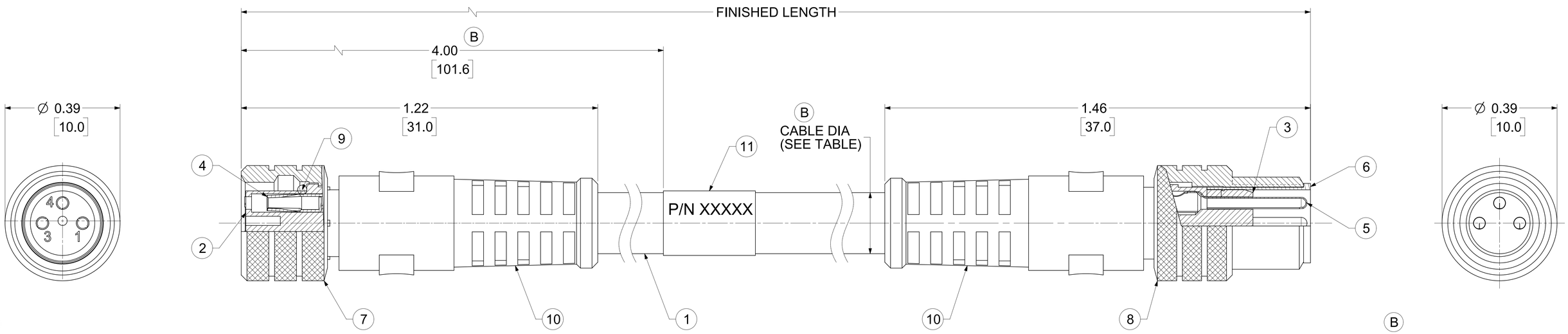
| MATERIAL NO. | ENGINEERING NO. | FINISHED LENGTH |
|---|---|---|
| 1200870074 | 443030A10M010 | 1M [3 FT 3 IN] |
| 1200870098 | 444030A10M050 | 5M [16 FT 5 IN] |
| 1200871070 | 445030A10M160 | 16M [52 FT 5.9 IN] |

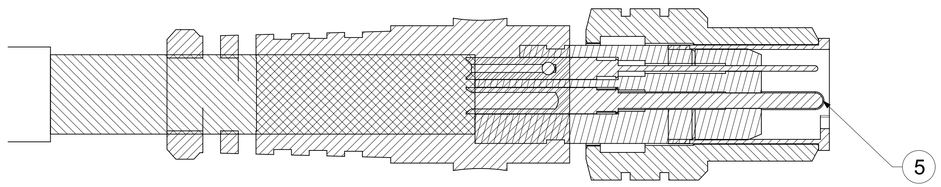
B

| FEMALE INSERT FRONT VIEW | | | MALE INSERT FRONT VIEW | | |
|---|---|---|---|---|---|
| 3 POLE | 4 POLE | 5 POLE | 3 POLE | 4 POLE | 5 POLE |
|  |  |  |  |  |  |
| 1 BROWN<br>3 BLUE<br>4 BLACK | 1 BROWN<br>2 WHITE<br>3 BLUE<br>4 BLACK | 1 BROWN<br>2 WHITE<br>3 BLUE<br>4 BLACK<br>5 GREY | 1 BROWN<br>3 BLUE<br>4 BLACK | 1 BROWN<br>2 WHITE<br>3 BLUE<br>4 BLACK | 1 BROWN<br>2 WHITE<br>3 BLUE<br>4 BLACK<br>5 GREY |



SCALE 2:1




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

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

| ITEM | DESCRIPTION | MATERIAL | FINISH |
|---|---|---|---|
| 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 |

B

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/04/08 14:05:50 |
|---|---|---|---|

B

| POLES | CABLE DIA. |
|---|---|
| 3 | 0.17 |
| 4 | 0.18 |
| 5 | 0.20 |

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

B

## 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

FUNCTIONAL SYMBOLS
EV = 0
EF = 0
EP = 0
DIVISIONAL SYMBOLS

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

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

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 2021/09/23
CHK'D: RSTONE 2022/03/30
APPR: BWOODMAN 2022/04/08

INITIAL REVISION:
DRWN: NKUMAR01 16/07/09
APPR: JFMURPHY 16/07/09

THIRD ANGLE PROJECTION

DRAWING: D-SIZE
SERIES: 120087

molex

NANO-CHANGE CORDSET, M8
3-5 POLE, MALE-FEMALE, STRAIGHT, 24 AWG

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-120087-092 | PSD | 001 | B |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| | GENERAL MARKET | 1 OF 1 |