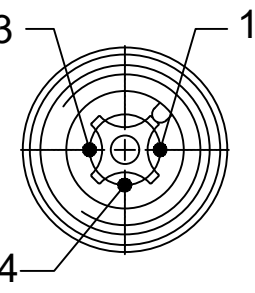
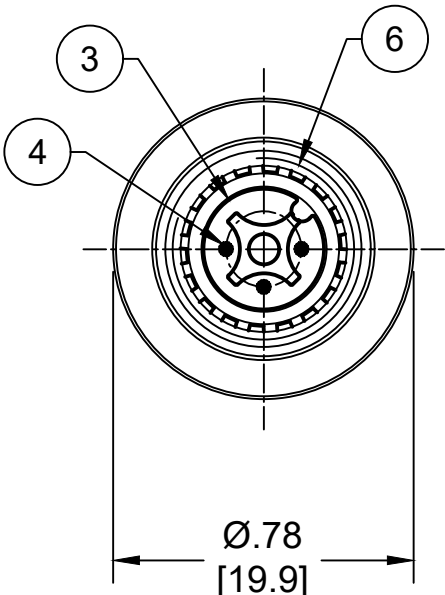


MALE FACE VIEW  
3-POLE



WIRING DIAGRAM

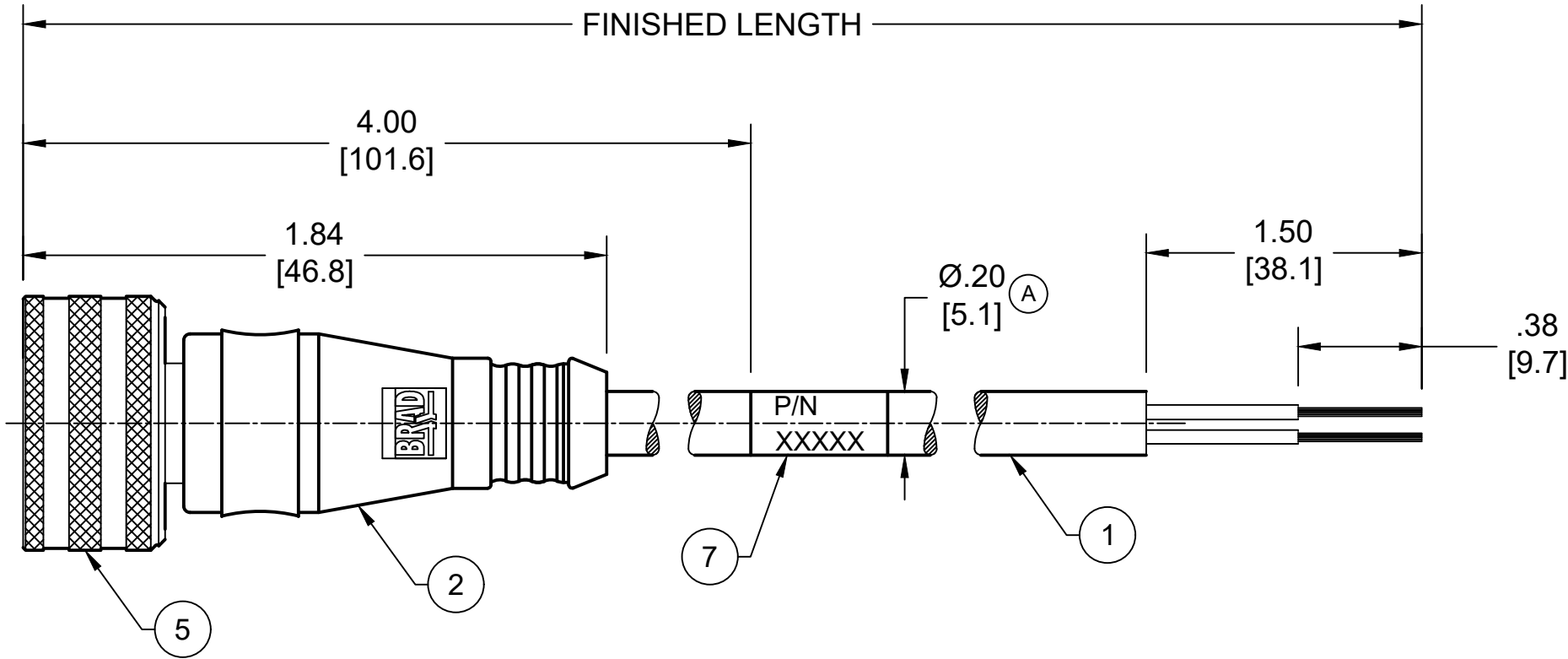
1 BROWN  
3 BLUE  
4 BLACK



- NOTES:
- 1. MATERIAL: AS NOTED
  - 2. FINISH: AS NOTED
  - 3. ELECTRICAL:  
VOLTAGE: 250V  
CURRENT: 4A
  - 4. TEMP RATING: -20°TO +105°C
  - 5. PROTECTION: IP67/69K (WHEN MATED)
  - 6. CSA CERTIFIED FILE: LR6837 (A)
  - 7. ALL DIMENSIONS ARE FOR REFERENCE  
UNLESS TOLERANCED OR NOTED OTHERWISE

|      |               |              |                  |
|------|---------------|--------------|------------------|
| 7    | WRAP LABEL    | VINYL        | BLACK/YELLOW     |
| 6    | O-RING        | VITON        | GREEN            |
| 5    | COUPLER       | BRASS        | NICKEL PLATED    |
| 4    | CONTACT PIN   | COPPER ALLOY | GOLD OVER NICKEL |
| 3    | MALE INSERT   | PUR          | BLACK            |
| 2    | OVERMOLD      | PUR          | YELLOW           |
| 1    | #22 AWG CABLE | PVC JACKET   | YELLOW           |
| ITEM | DESCRIPTION   | MATERIAL     | FINISH           |

| PART NO    | ENGINEERING NO. | FINISHED LENGTH  |
|------------|-----------------|------------------|
| 1200790175 | W03006A09M020   | 2M [6FT 7 IN]    |
| 1200790173 | W03006A09M050   | 5M [16FT 5 IN]   |
| 1200790171 | W03006A09M100   | 10M [32FT 10 IN] |



(A) PART NUMBER LEGEND  
W03006A09M020

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          |  |  |  |

FUNCTIONAL SYMBOLS

FA=0

FE=0

FEP=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

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 #3 WAS NYLON & #7 WAS MYLAR. REMOVED UL. ADDED CSA. CABLE DIA, PN MATRIX & TOL CHART. MODIFIED PN TABLE.

EC NO: 702709

DRWN: ABENJAMINLW

CHK'D: RSTONE

APPR: BWOODMAN

2021/07/20

2022/04/11

2022/04/16

INITIAL REVISION:

DRWN: LSTEMMLE

APPR: FPACHER

2010/02/10

2010/02/15

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

120079

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 1

DOCUMENT NUMBER

SD-120079-023

DOC TYPE

PSD

DOC PART

001

REVISION

A

molex

MICRO-CHANGE ULTRA LOCK, M12  
3-POLE, MALE, STRAIGHT, SINGLE KEY,  
#22 AWG

PRODUCT CUSTOMER DRAWING