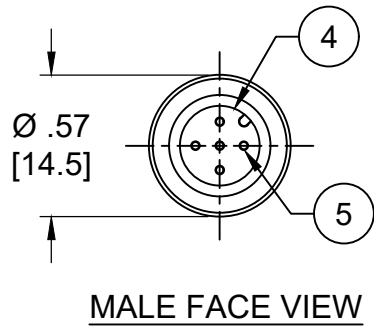
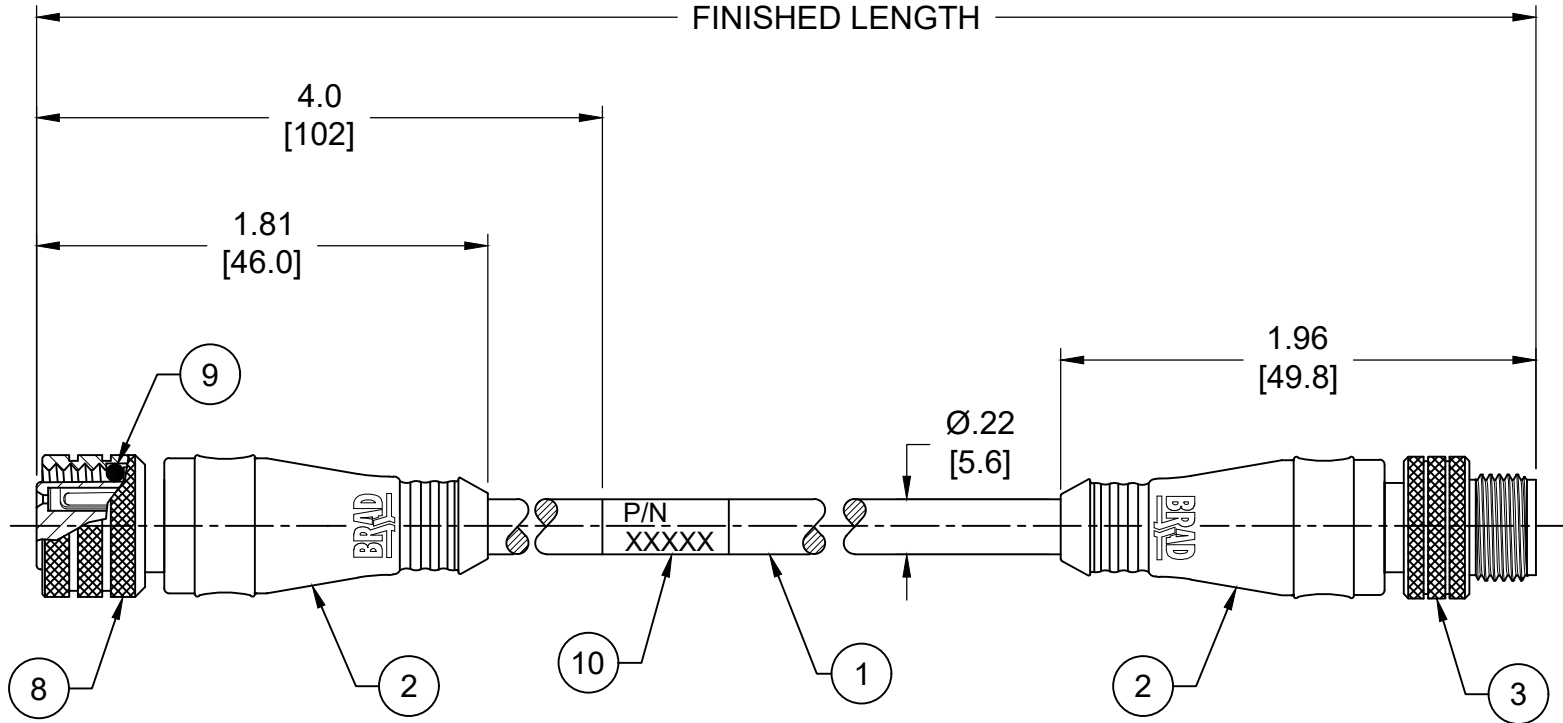
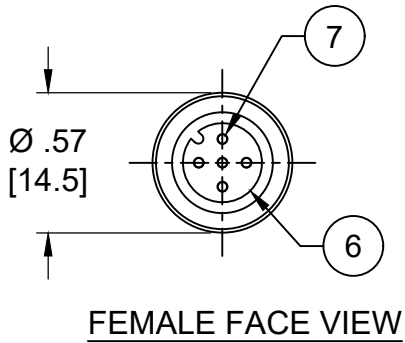
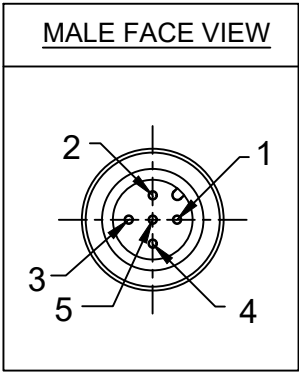


| PART NUMBER | ENGINEERING NUMBER | FINISHED LENGTH  |
|-------------|--------------------|------------------|
| 1200660424  | 885030A09M003      | 0.3M [1FT]       |
| 1200660443  | 885030A09M200      | 20M [65FT 7 IN]  |
| 1202010018  | 885030A09M400      | 40M [131FT 2 IN] |



- NOTES:
1. MATERIAL: AS NOTED
  2. FINISH: AS NOTED
  3. ELECTRICAL:  
VOLTAGE: 250 VAC/VDC  
CURRENT: 4A
  4. TEMP RATING: -20°TO +105°C
  5. PROTECTION: IP67 (WHEN MATED)
  6. COUPLING THREAD: M12X1
  7. UL RECOGNIZED FILE: E152210  
CSA CERTIFIED FILE: LR6837
  8. ALL DIMENSIONS ARE FOR REFERENCE  
UNLESS TOLERANCED OR NOTED OTHERWISE

|      |                          |              |                  |
|------|--------------------------|--------------|------------------|
| 10   | WRAP LABEL               | VINYL        | BLACK/YELLOW     |
| 9    | O-RING                   | VITON        | RED              |
| 8    | M12 COUPLING NUT, FEMALE | BRASS        | NICKEL PLATED    |
| 7    | CONTACT SOCKET           | COPPER ALLOY | GOLD OVER NICKEL |
| 6    | FEMALE INSERT            | PUR          | BLACK            |
| 5    | CONTACT PIN              | COPPER ALLOY | GOLD OVER NICKEL |
| 4    | MALE INSERT              | PUR          | BLACK            |
| 3    | M12 COUPLING NUT, MALE   | BRASS        | NICKEL PLATED    |
| 2    | OVERMOLDS                | PUR          | YELLOW           |
| 1    | CABLE, 5P, 22AWG         | PVC JACKET   | YELLOW           |
| ITEM | DESCRIPTION              | MATERIAL     | FINISH           |

PART NUMBER LEGEND

885030A09M003

FINISHED LENGTH  
M003 = 0.3 METER  
M010 = 1 METER  
M100 = 10 METER

|   |       |   |
|---|-------|---|
| 1 | BROWN | 1 |
| 2 | WHITE | 2 |
| 3 | BLUE  | 3 |
| 4 | BLACK | 4 |
| 5 | GRAY  | 5 |

WIRING DIAGRAM

|                                                  |  |  |
|--------------------------------------------------|--|--|
| 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<br><div><div>F</div><div>A</div><div>=</div><div>0</div></div> <div><div>F</div><div>C</div><div>=</div><div>0</div></div> <div><div>F</div><div>P</div><div>=</div><div>0</div></div> <div>DIVISIONAL SYMBOLS</div> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |        |  |                                                                                                        |  |                        |                                                                                     |                   |          |                  |          |                                  |  |                            |  |                        |  |
|                                                                                                                                                                                                                                         | DIMENSION UNITS                                                                                                                               |        | SCALE  |  | CURRENT REV DESC: ADDED UL & CSA NUMBER.<br>MODIFIED PART NUMBER CHART                                 |  |                        | <div>molex</div>                                                                    |                   |          |                  |          |                                  |  |                            |  |                        |  |
|                                                                                                                                                                                                                                         | INCH/MM                                                                                                                                       |        | NTS    |  |                                                                                                        |  |                        |                                                                                     |                   |          |                  |          |                                  |  |                            |  |                        |  |
|                                                                                                                                                                                                                                         | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |        |        |  | EC NO: 702709<br>DRWN: ABENJAMINLW 2021/10/21<br>CHK'D: RSTONE 2022/04/11<br>APPR: BWOODMAN 2022/04/16 |  |                        | MICRO-CHANGE CORDSET, M12<br>5 POLE, MALE- FEMALE, STRAIGHT,<br>SINGLE KEY, #22 AWG |                   |          |                  |          |                                  |  |                            |  |                        |  |
|                                                                                                                                                                                                                                         |                                                                                                                                               | mm     | INCH   |  |                                                                                                        |  |                        |                                                                                     |                   |          |                  |          |                                  |  |                            |  |                        |  |
|                                                                                                                                                                                                                                         | 4 PLACES                                                                                                                                      | ± ---- | ± ---- |  | INITIAL REVISION:<br>DRWN: LHARTMAN 2009/07/28<br>APPR: JFMURPHY 2009/08/10                            |  |                        | DOCUMENT NUMBER                                                                     |                   | DOC TYPE | DOC PART         | REVISION |                                  |  |                            |  |                        |  |
|                                                                                                                                                                                                                                         | 3 PLACES                                                                                                                                      | ± ---- | ± ---- |  |                                                                                                        |  |                        | SD-120066-007                                                                       |                   | PSD      | 001              | D1       |                                  |  |                            |  |                        |  |
|                                                                                                                                                                                                                                         | 2 PLACES                                                                                                                                      | ± ---- | ± ---- |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                             |  | THIRD ANGLE PROJECTION |                                                                                     | DRAWING<br>B-SIZE |          | SERIES<br>120066 |          | MATERIAL NUMBER<br>SEE P/N CHART |  | CUSTOMER<br>GENERAL MARKET |  | SHEET NUMBER<br>1 OF 1 |  |
|                                                                                                                                                                                                                                         | 1 PLACE                                                                                                                                       | ± ---- | ± ---- |  |                                                                                                        |  |                        |                                                                                     |                   |          |                  |          |                                  |  |                            |  |                        |  |
|                                                                                                                                                                                                                                         | 0 PLACES                                                                                                                                      | ± ---- | ± ---- |  |                                                                                                        |  |                        |                                                                                     |                   |          |                  |          |                                  |  |                            |  |                        |  |
| ANGULAR TOL ± ---- °                                                                                                                                                                                                                    |                                                                                                                                               |        |        |  |                                                                                                        |  |                        |                                                                                     |                   |          |                  |          |                                  |  |                            |  |                        |  |