

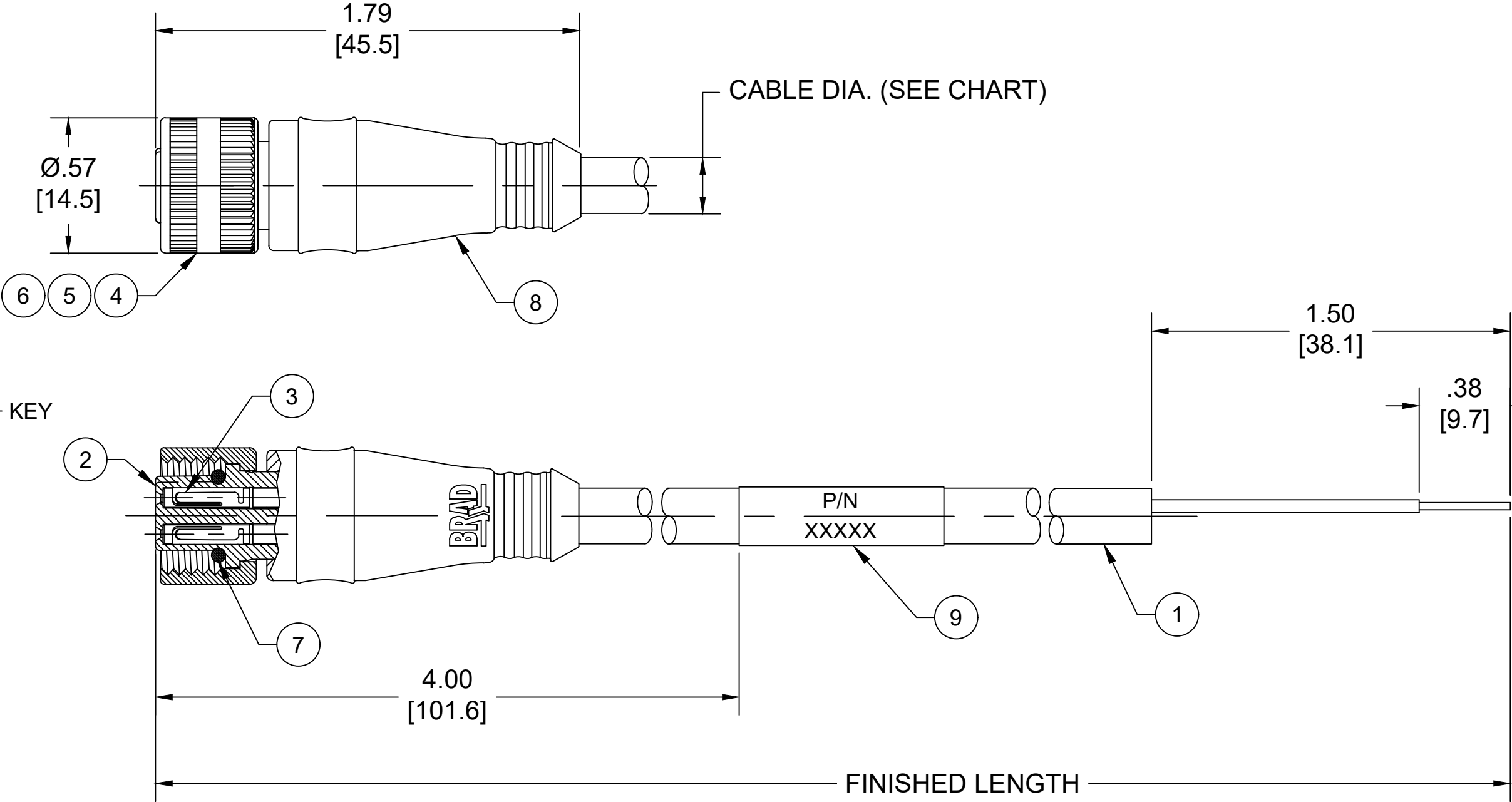
**FRONT VIEW - FEMALE INSERT WIRING COLOR CODE**

| 2 POLE                                                                            | 3 POLE                                                                            | 4 POLE                                                                            | 5 POLE                                                                              | 6 POLE                                                                              |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>CABLE LENGTH TOLERANCES</b></p> <p><b>&lt;.3M [1FT]: +19mm-0 [ +.75in-0]</b></p> <p><b>.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]</b></p> <p><b>.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]</b></p> <p><b>1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]</b></p> <p><b>3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]</b></p> <p><b>7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]</b></p> <p><b>14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]</b></p> <p><b>OVER 30M [100FT] +2% OF FINISHED LENGTH</b></p> |
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**703000D02F1201**

- 703000**: POLE COUNT: (2-6 POLES) (B1)
- D02**: CABLE TYPE: 22AWG SHLD, PVC
- F1201**: FINISHED LENGTH:
  - F010= 1 FOOT
  - F100= 10 FEET
  - M005= 0.5 METER
  - M010= 1 METER
  - M100= 10 METER
- COUPLING NUT OPTIONS**:
  - BLANK= DIE CAST ZINC
  - 1= 303 STAINLESS STEEL
  - 2= NON METALLIC
  - 8= 316 ST. STEEL



1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:  
VOLTAGE: 250V AC/DC  
CURRENT: 4A
4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 1/2-20 UNF
7. UL LISTED FILE: E152210 (B1)  
CSA CERTIFIED FILE: LR6837
8. ALL DIMENSIONS ARE FOR REFERENCE  
UNLESS TOLERANCED OR NOTED OTHERWISE

|             |                                        |                 |               |
|-------------|----------------------------------------|-----------------|---------------|
| 9           | WRAP LABEL                             | VINYL           | YELLOW        |
| 8           | OVERMOLD                               | TPC             | YELLOW        |
| 7           | O-RING                                 | NITRILE         | RED           |
| 6           | COUPLING NUT, FEMALE THD (-2 OPT)      | DELRIN          | WHITE         |
| 5           | COUPLING NUT, FEMALE THD (-1 & -8 OPT) | ST. STEEL       | PASSIVATED    |
| 4           | COUPLING NUT, FEMALE THD (STD OPT)     | ZINC DIE CAST   | BLACK         |
| 3           | CONTACT SOCKET                         | COPPER ALLOY    | GOLD PLATED   |
| 2           | FEMALE INSERT                          | NYLON           | BLACK         |
| 1           | CABLE, 22 AWG, SHIELDED                | PVC JACKET      | YELLOW        |
| <b>ITEM</b> | <b>DESCRIPTION</b>                     | <b>MATERIAL</b> | <b>FINISH</b> |

| MATERIAL NO. | ENGINEERING NO. | FINISHED LENGTH | POLES | CABLE DIA  |
|--------------|-----------------|-----------------|-------|------------|
| 1200720056   | 702000D02F010   | 1 FT            | 2     | 0.20 [5.1] |
| 1200720179   | 703000D02F1201  | 12 FT           | 3     | 0.23 [5.8] |
| 1200720368   | 704000D02F2502  | 25 FT           | 4     | 0.22 [5.6] |
| 1200720488   | 705000D02M380   | 38M             | 5     | 0.24 [6.1] |
| 1200720571   | 706000D02F0608  | 6 FT            | 6     | 0.25 [6.4] |

|                                        |                                                                                                                                               |    |          |  |                                                                                                     |  |            |                                                                                                                                                                                                 |        |  |                 |            |                |  |              |  |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----|----------|--|-----------------------------------------------------------------------------------------------------|--|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|-----------------|------------|----------------|--|--------------|--|
| FUNCTIONAL SYMBOLS                     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |    |          |  |                                                                                                     |  |            |                                                                                                                                                                                                 |        |  |                 |            |                |  |              |  |
| <div><div>F</div><div>A</div></div> =0 | DIMENSION UNITS                                                                                                                               |    | SCALE    |  | CURRENT REV DESC: ADDED POLE COUNT, UL, CSA & CABLE DIA IN PN TABLE. ITEM-9 FINISH WAS BLACK/YELLOW |  |            | <div>molex</div>                                                                                                                                                                                |        |  |                 |            |                |  |              |  |
|                                        | INCH/MM                                                                                                                                       |    | NTS      |  |                                                                                                     |  |            |                                                                                                                                                                                                 |        |  |                 |            |                |  |              |  |
|                                        | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |    |          |  | EC NO: 795982                                                                                       |  |            | <div>MIC CORD ASSY 2-6 POLE</div> <div>FEMALE, DUAL KEY 22 AWG SHIELDED PVC</div>                                                                                                               |        |  |                 |            |                |  |              |  |
|                                        |                                                                                                                                               | mm | INCH     |  |                                                                                                     |  |            |                                                                                                                                                                                                 |        |  |                 |            |                |  |              |  |
|                                        | 4 PLACES                                                                                                                                      |    | ± ----   |  | DRWN: ABENJAMINLW                                                                                   |  | 2024/08/20 |                                                                                                                                                                                                 |        |  |                 |            |                |  |              |  |
|                                        | 3 PLACES                                                                                                                                      |    | ± ----   |  | CHK'D: PDODDAMANEMY                                                                                 |  | 2024/08/21 |                                                                                                                                                                                                 |        |  |                 |            |                |  |              |  |
|                                        | 2 PLACES                                                                                                                                      |    | ± ----   |  | APPR: BWOODMAN                                                                                      |  | 2024/08/21 |                                                                                                                                                                                                 |        |  |                 |            |                |  |              |  |
| DIVISIONAL SYMBOLS                     | 1 PLACE                                                                                                                                       |    | ± ----   |  | INITIAL REVISION:                                                                                   |  |            | <div>PRODUCT CUSTOMER DRAWING</div> <div>DOCUMENT NUMBER</div> <div>SD-120072-022</div> <div>DOC TYPE</div> <div>PSD</div> <div>DOC PART</div> <div>001</div> <div>REVISION</div> <div>B1</div> |        |  |                 |            |                |  |              |  |
|                                        | 0 PLACES                                                                                                                                      |    | ± ----   |  | DRWN: RSTONE                                                                                        |  |            |                                                                                                                                                                                                 |        |  |                 | 2017/07/14 |                |  |              |  |
|                                        | ANGULAR TOL                                                                                                                                   |    | ± ---- ° |  | APPR: BWOODMAN                                                                                      |  |            |                                                                                                                                                                                                 |        |  |                 | 2017/07/21 |                |  |              |  |
|                                        | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |    |          |  | THIRD ANGLE PROJECTION                                                                              |  | DRAWING    |                                                                                                                                                                                                 | SERIES |  | MATERIAL NUMBER |            | CUSTOMER       |  | SHEET NUMBER |  |
|                                        |                                                                                                                                               |    |          |  |                                                                                                     |  | C-SIZE     |                                                                                                                                                                                                 | 120072 |  | SEE TABLE       |            | GENERAL MARKET |  | 1 OF 1       |  |