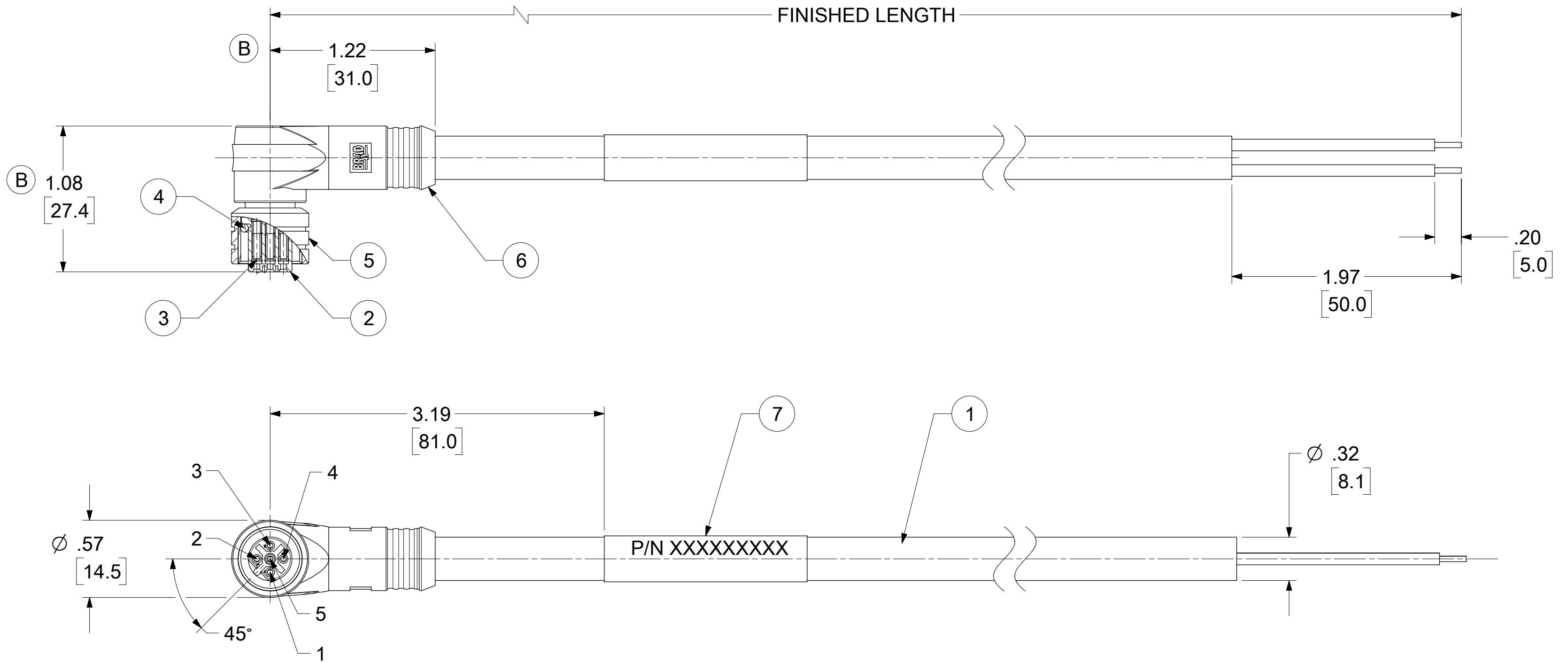


| PART NO.   | ENG. NO.      | FINISHED LENGTH    |
|------------|---------------|--------------------|
| 1200390132 | B05S01PP4M010 | 1.0M [3FT 3.0IN]   |
| 1200390134 | B05S01PP4M040 | 4.0M [13FT 1.4IN]  |
| 1200985018 | B05S01PP4M090 | 9.0M [29FT 6.2IN]  |
| 1200988056 | B05S01PP4M200 | 20.0M [65FT 7.2IN] |

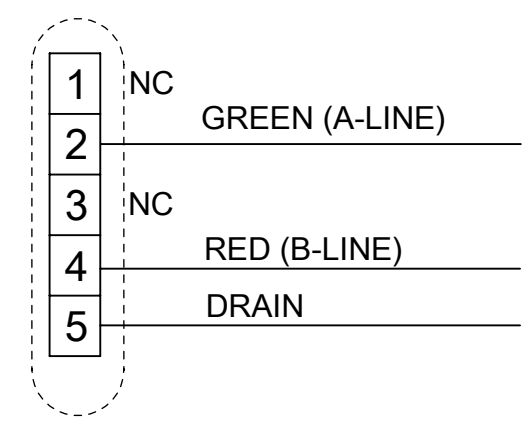


- NOTES:**
1. MATERIAL: AS NOTED
  2. FINISH: AS NOTED
  3. ELECTRICAL:  
VOLTAGE; 250V AC/DC  
CURRENT: 4A
  4. TEMP RATING: -20°TO +80°C
  5. PROTECTION: IP67 (WHEN MATED)
  6. COUPLING THREAD: M12 X 1
  7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

**PART NUMBER MATRIX**  
**B05S01PP4M010**

LENGTH  
M001 = .1 METERS  
M010 = 1.0 METERS  
M100 = 10 METERS

**MICRO-CHANGE**



**WIRE DIAGRAM**

| ITEM | DESCRIPTION              | MATERIAL   | FINISH        |
|------|--------------------------|------------|---------------|
| 7    | WRAP LABEL               | VINYL      | BLACK/YELLOW  |
| 6    | OVERMOLD                 | PUR        | YELLOW        |
| 5    | COUPLING                 | BRASS      | NICKEL PLATED |
| 4    | O-RING                   | FPM        | RED           |
| 3    | CONTACT                  | Cu ALLOY   | GOLD PLATED   |
| 2    | INSERT, 5 POLE, SHIELDED | PUR        | BLACK         |
| 1    | CABLE, PROFIBUS          | PUR JACKET | VIOLET        |

**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 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       | CURRENT REV DESC: REDRAWN TO NX, O-MOLD CHANGED PER 5901 MFG STD., ADD P/N MATRIX, UPDATE NOTES |                                |
|                    | DIMENSION UNITS   | SCALE | EC NO: 704283   |                                |
| $\frac{F}{A} = 0$  | IN/MM   | 1.5:1 | DRWN: RSTONE  | 2022/04/21                     |
| $\frac{F}{C} = 0$  | GENERAL TOLERANCES (UNLESS SPECIFIED)   |       | CHK'D: MZIELINSKI   | 2022/04/22                     |
| $\frac{F}{P} = 0$  |   |       | APPR: BWOODMAN  | 2022/04/22                     |
| DIVISIONAL SYMBOLS |   |       | INITIAL REVISION:   |                                |
|                    |   |       | DRWN: DW  | 2009/07/28                     |
|                    |   |       | APPR: JFMURPHY  | 2009/07/28                     |
|                    |   |       | THIRD ANGLE PROJECTION  |                                |
|                    |   |       | DRAWING   | SERIES                         |
|                    |   |       | C-SIZE  | 120039                         |
|                    |   |       | MATERIAL NUMBER   | CUSTOMER                       |
|                    |   |       | SEE P/N MATRIX  | GENERAL MARKET                 |
|                    |   |       | DOCUMENT NUMBER   | DOC TYPE   DOC PART   REVISION |
|                    |   |       | SD-120039-003   | PSD   001   B                  |
|                    |   |       | SHEET NUMBER  | 1 OF 1                         |