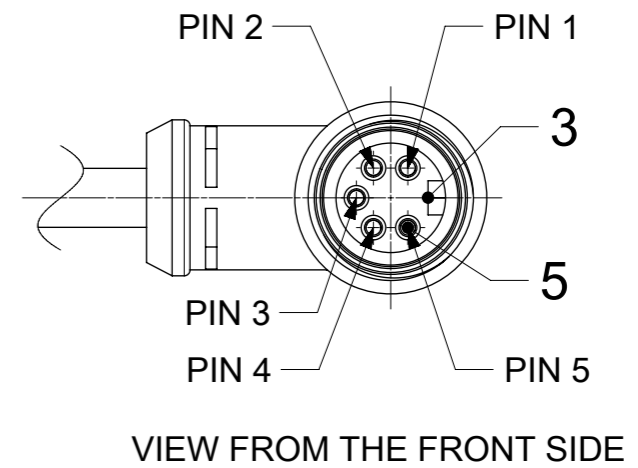
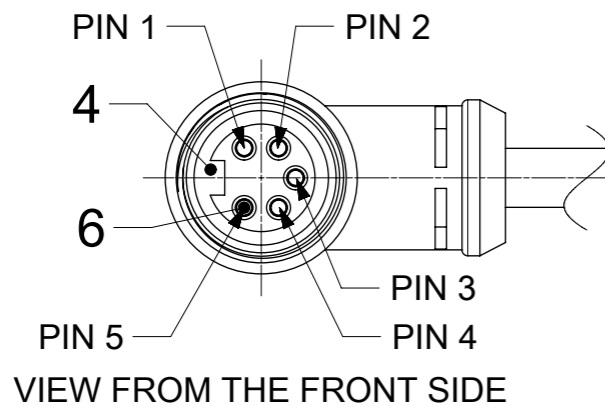
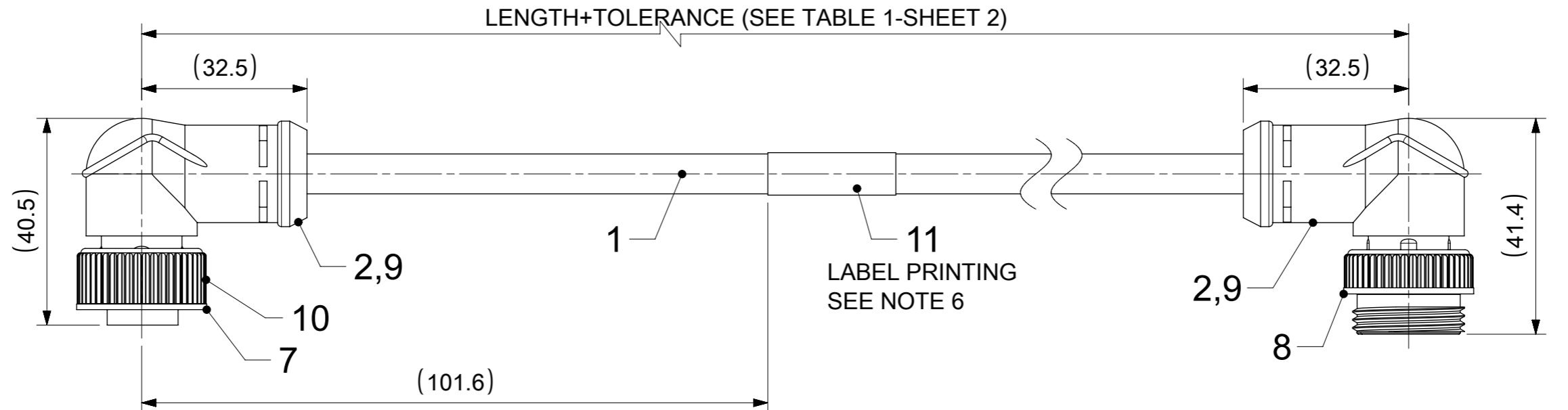


NOTES:

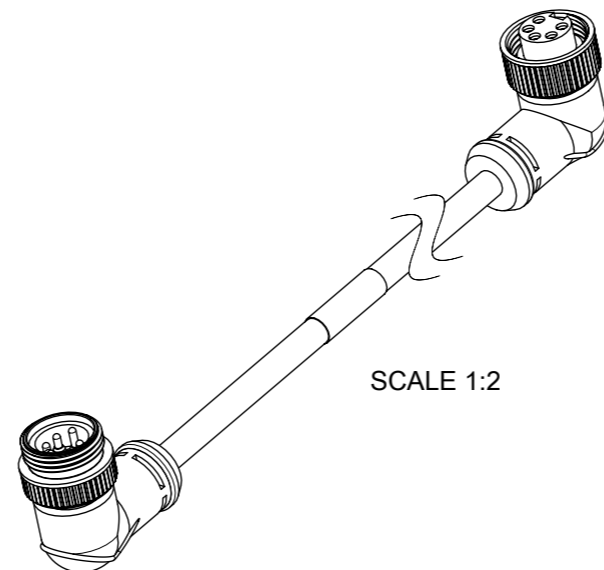
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:  
CABLE TYPE (SEE SHEET 2)  
CURRENT: 10 A
4. PROTECTION: IP67 (WHEN MATED)
5. UL CERTIFICATION: UL LISTED, FILE NO. E152210
6. LABEL PRINTING ACC. STANDARD LABEL INSTRUCTION (SEE SHEET 2)

WIRING DIAGRAM



BILL OF MATERIAL

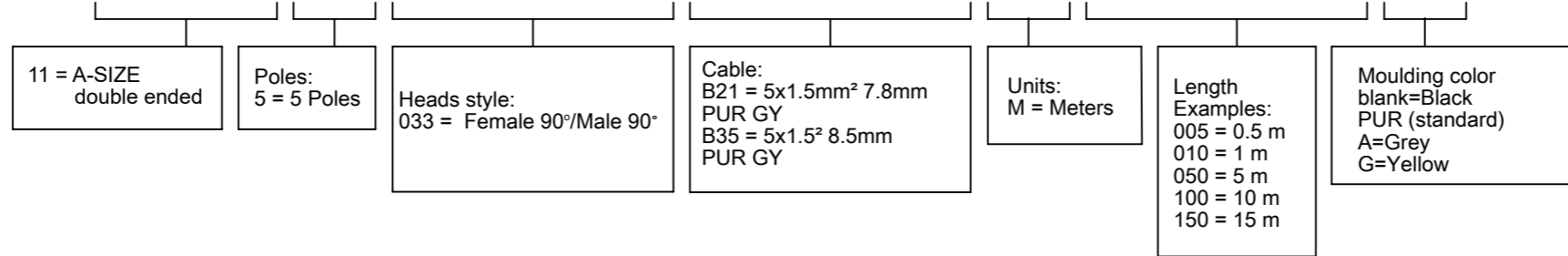
| ITEM | QTY | DESCRIPTION                     | MATERIAL     | FINISH/COLOR |
|------|-----|---------------------------------|--------------|--------------|
| 11   | 1   | LABEL;2.0X1.75;WRAP             | VINYL        | YELLOW       |
| 10   | 1   | FRICTION RING - A SIZE          | NYLON        | -            |
| 9    | -   | TAPE;0.165MMx9MM                | POLYSILOXANE | WHITE        |
| 8    | 1   | MC COUPLING NUT A-SIZE          | ZINC         | BLACK        |
| 7    | 1   | COUPLING NUT MC A-SIZE EXT. THD | ZINC         | BLACK        |
| 6    | 5   | MC SOCKET SLEEVE ASSY, 16 AWG   | BRASS        | GOLD         |
| 5    | 5   | MC PIN CONTACT 16AWG            | BRASS        | GOLD         |
| 4    | 1   | 5P FEMALE INSERT A SIZE         | PUR          | BLACK        |
| 3    | 1   | 5P MALE INSERT A SIZE           | PUR          | BLACK        |
| 2    | -   | MOULDING MATERIAL               | TPU          | BLACK        |
| 1    | -   | CABLE 5/C, OD=8.5mm             | TPU          | GRAY         |
| ITEM | QTY | DESCRIPTION                     | MATERIAL     | FINISH/COLOR |



|                    |   |       |                            |   |
|--------------------|---|-------|----------------------------|---|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |                            |   |
|                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SCALE |                            |   |
| △/A = 0            | mm  | 1:1   | EC NO: 747270              | PRODUCT CUSTOMER DRAWING<br>CSE MC 5P A-SIZE FE RA MA RA TPU XM |
| △/E = 0            | GENERAL TOLERANCES (UNLESS SPECIFIED)   |       | DRWN: RSCHIEBER 2023/04/21 |   |
| △/V = 0            | ANGULAR TOL ± 1.0°  |       | CHK'D: RSILLER 2023/04/27  | DOCUMENT NUMBER<br>SD-130010-031                                |
| DIVISIONAL SYMBOLS | 4 PLACES ±  |       | APPR: RSILLER 2023/04/27   |   |
|                    | 3 PLACES ±  |       | INITIAL REVISION:          | MATERIAL NUMBER<br>SEE TABLE 1                                  |
|                    | 2 PLACES ± 0.05   |       | DRWN: RSTONE 2013/12/09    |   |
|                    | 1 PLACE ± 0.3   |       | APPR: JFMURPHY 2013/12/16  | SHEET NUMBER<br>1 OF 2  |
|                    | 0 PLACES ± 0.5  |       | THIRD ANGLE PROJECTION     |   |
|                    | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |       | DRAWING                    | SERIES  |
|                    |   |       | A3-SIZE                    | 130010  |

PART No. MATRIX

1 1 5 0 3 3 B X X M X X X X

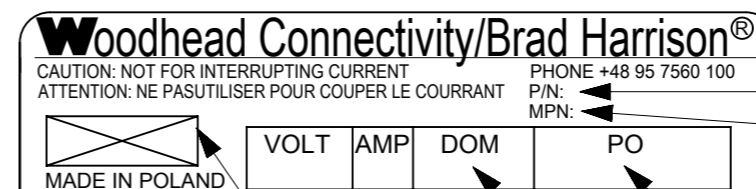


| CABLE TYPE | No. OF WIRES | CROSS SECTION       | CABLE JACKET | UL           | CSA   | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP / BENDING RADIUS | VOLTAGE |
|------------|--------------|---------------------|--------------|--------------|-------|--------------------------------|--------------------------------|---------|
| B21        | 5            | 1.5 mm <sup>2</sup> | TPU GREY     | UL STYLE 758 | C22.2 | -40°C to + 80°C                | -5 °C TO +80 °C                | 300 V   |
| B35        | 5            | 1.5 mm <sup>2</sup> | TPU GREY     | UL STYLE 758 | C22.2 | -40°C to + 90°C                | -25 °C TO +80 °C               | 600 V   |

TABLE 1

| MOLEX PN   | ENGINEERING NO. | L+Tol.[mm] |
|------------|-----------------|------------|
| 1300108036 | 115033B21M010   | 1000 +56   |
| 1300108037 | 115033B21M020   | 2000 +89   |
| 1300108038 | 115033B21M030   | 3000 +89   |
| 1300108039 | 115033B21M050   | 5000 +165  |
| 1300108040 | 115033B21M100   | 10000 +317 |
| 1300108041 | 115033B21M150   | 15000 +610 |
| 1300108042 | 115033B21M200   | 20000 +610 |
| 1300108051 | 115033B35M010   | 1000 +56   |
| 1300108052 | 115033B35M020   | 2000 +89   |
| 1300108053 | 115033B35M030   | 3000 +89   |
| 1300108054 | 115033B35M050   | 5000 +165  |
| 1300108055 | 115033B35M100   | 10000 +317 |
| 1300108056 | 115033B35M150   | 15000 +610 |
| 1300108057 | 115033B35M200   | 20000 +610 |

LABEL PRINTING



ENGINEERING NO.  
MOLEX PN

PO NO.  
PRODUCT. DATE

CERTIFICATION SYMBOLS

| FUNCTIONAL SYMBOLS  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | <b>molex</b>           |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
|---|---|------------------------|------------|-----------------|-----------------|--------------|--------------|--|---------------|------------|-----------------|-------------|---|-------------------|---------------|--------------|------------|----------------|------------|---|--|-----------------|----------|----------|----------|---------------|-----|-----|----|
|   | <table border="1"> <tr> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>mm</td> <td>1:1</td> </tr> </table>                            |                        |            | DIMENSION UNITS | SCALE           | mm           | 1:1          | <table border="1"> <tr> <td>EC NO: 747270</td> <td>2023/04/21</td> </tr> <tr> <td>DRWN: RSCHIEBER</td> <td>2023/04/27</td> </tr> <tr> <td>CHK'D: RSILLER</td> <td>2023/04/27</td> </tr> <tr> <td>APPR: RSILLER</td> <td>2023/04/27</td> </tr> </table> | EC NO: 747270 | 2023/04/21 | DRWN: RSCHIEBER | 2023/04/27  | CHK'D: RSILLER  | 2023/04/27        | APPR: RSILLER | 2023/04/27   |            |                |            |   |  |                 |          |          |          |               |     |     |    |
|   | DIMENSION UNITS   | SCALE                  |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
|   | mm  | 1:1                    |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| EC NO: 747270   | 2023/04/21  |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| DRWN: RSCHIEBER   | 2023/04/27  |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| CHK'D: RSILLER  | 2023/04/27  |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| APPR: RSILLER   | 2023/04/27  |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| <table border="1"> <tr> <th>GENERAL TOLERANCES (UNLESS SPECIFIED)</th> <th>ANGULAR TOL</th> </tr> <tr> <td>4 PLACES ±</td> <td>± 1.0 °</td> </tr> <tr> <td>3 PLACES ±</td> <td></td> </tr> <tr> <td>2 PLACES ±</td> <td>± 0.05</td> </tr> <tr> <td>1 PLACE ±</td> <td>± 0.3</td> </tr> <tr> <td>0 PLACES ±</td> <td>± 0.5</td> </tr> </table>                       | GENERAL TOLERANCES (UNLESS SPECIFIED)   | ANGULAR TOL            | 4 PLACES ± | ± 1.0 °         | 3 PLACES ±      |              | 2 PLACES ±   | ± 0.05   | 1 PLACE ±     | ± 0.3      | 0 PLACES ±      | ± 0.5       | <table border="1"> <tr> <td>INITIAL REVISION:</td> <td></td> </tr> <tr> <td>DRWN: RSTONE</td> <td>2013/12/09</td> </tr> <tr> <td>APPR: JFMURPHY</td> <td>2013/12/16</td> </tr> </table> | INITIAL REVISION: |               | DRWN: RSTONE | 2013/12/09 | APPR: JFMURPHY | 2013/12/16 | <table border="1"> <tr> <th>DOCUMENT NUMBER</th> <th>DOC TYPE</th> <th>DOC PART</th> <th>REVISION</th> </tr> <tr> <td>SD-130010-031</td> <td>PSD</td> <td>001</td> <td>A3</td> </tr> </table> |  | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | SD-130010-031 | PSD | 001 | A3 |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   | ANGULAR TOL   |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| 4 PLACES ±  | ± 1.0 °   |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| 3 PLACES ±  |   |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| 2 PLACES ±  | ± 0.05  |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| 1 PLACE ±   | ± 0.3   |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| 0 PLACES ±  | ± 0.5   |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| INITIAL REVISION:   |   |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| DRWN: RSTONE  | 2013/12/09  |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| APPR: JFMURPHY  | 2013/12/16  |                        |            |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| DOCUMENT NUMBER   | DOC TYPE  | DOC PART               | REVISION   |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| SD-130010-031   | PSD   | 001                    | A3         |                 |                 |              |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| <table border="1"> <tr> <th>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</th> <th>THIRD ANGLE PROJECTION</th> <th>DRAWING</th> <th>SERIES</th> <th>MATERIAL NUMBER</th> <th>CUSTOMER</th> <th>SHEET NUMBER</th> </tr> <tr> <td></td> <td></td> <td>A3-SIZE</td> <td>130010</td> <td>SEE TABLE 1</td> <td>GENERAL MARKET</td> <td>2 OF 2</td> </tr> </table> | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  | THIRD ANGLE PROJECTION | DRAWING    | SERIES          | MATERIAL NUMBER | CUSTOMER     | SHEET NUMBER |  |               | A3-SIZE    | 130010          | SEE TABLE 1 | GENERAL MARKET  | 2 OF 2            |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  | THIRD ANGLE PROJECTION  | DRAWING                | SERIES     | MATERIAL NUMBER | CUSTOMER        | SHEET NUMBER |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |
|   |   | A3-SIZE                | 130010     | SEE TABLE 1     | GENERAL MARKET  | 2 OF 2       |              |  |               |            |                 |             |   |                   |               |              |            |                |            |   |  |                 |          |          |          |               |     |     |    |