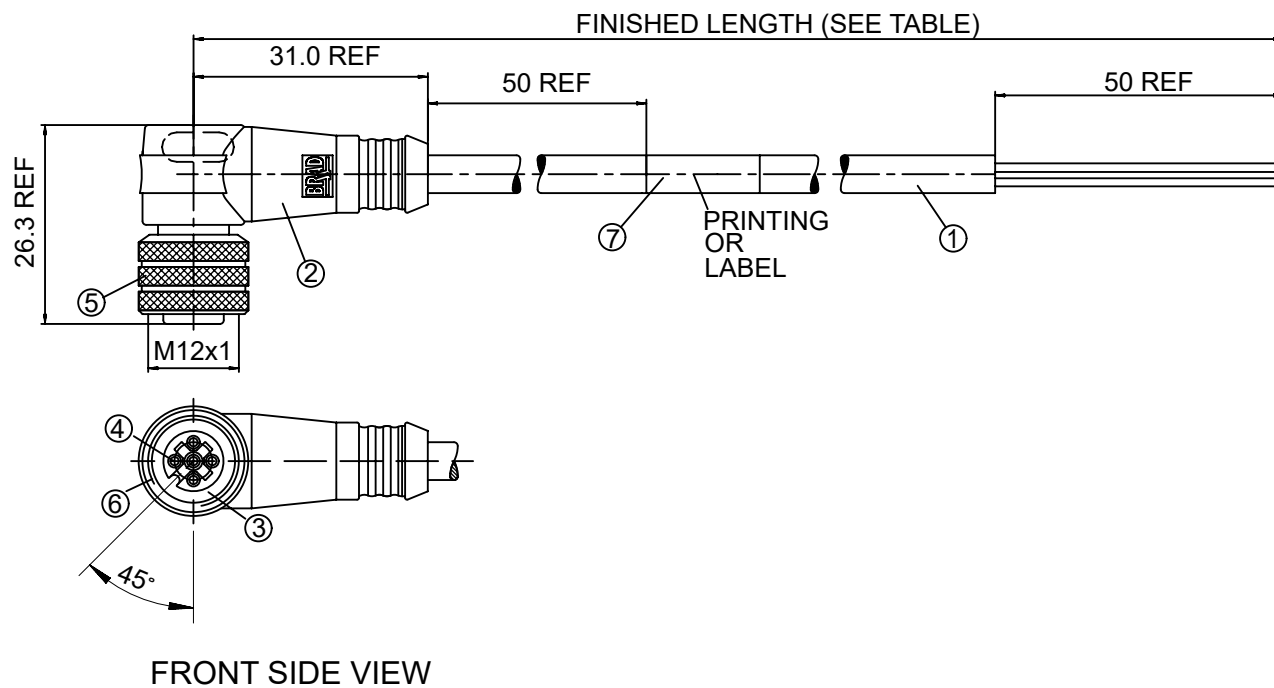
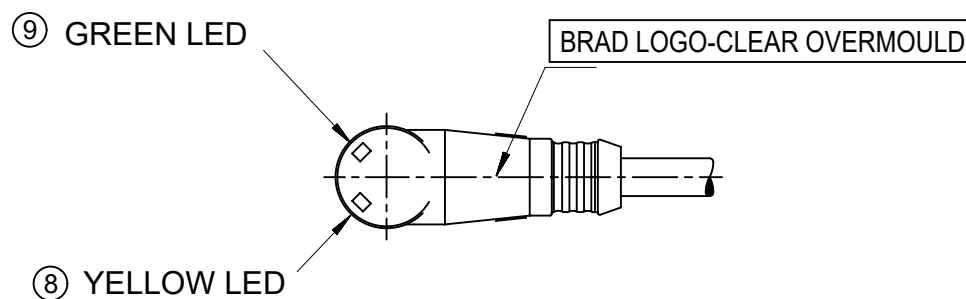
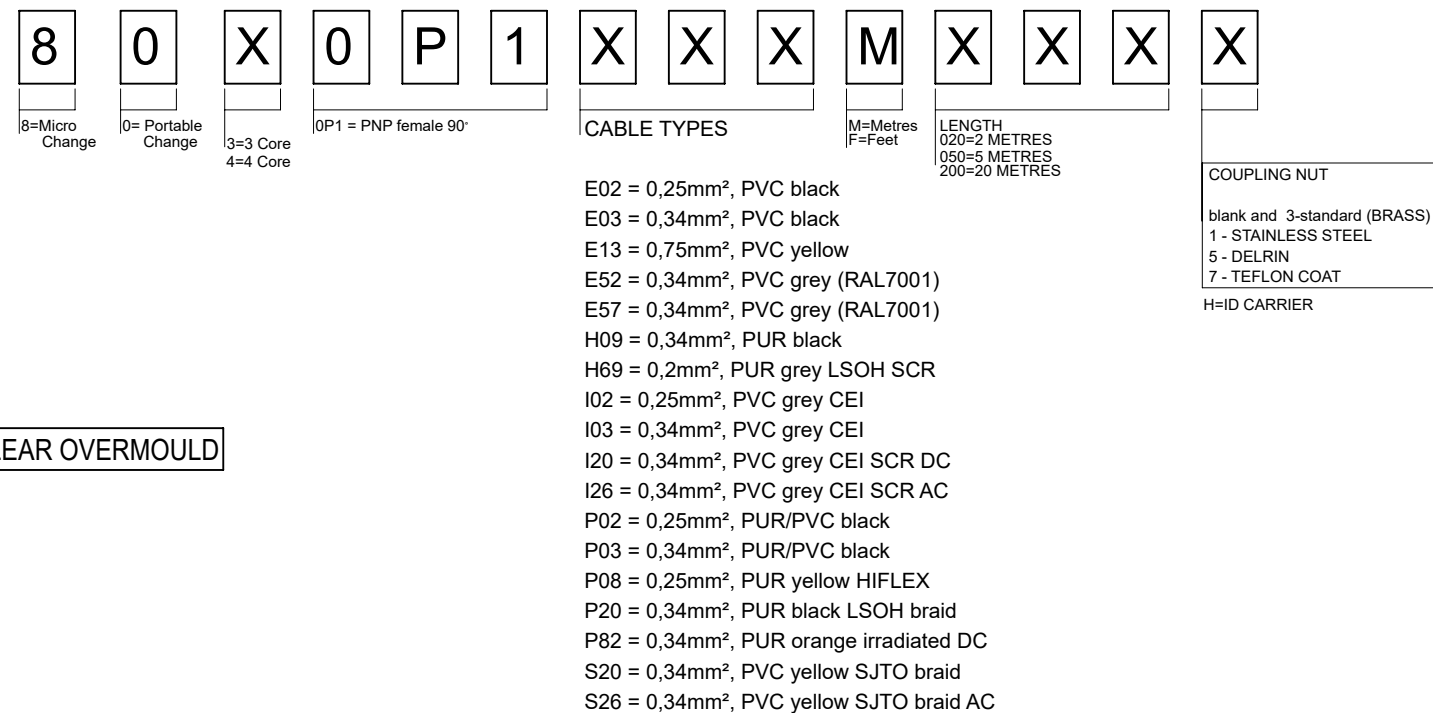
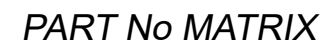
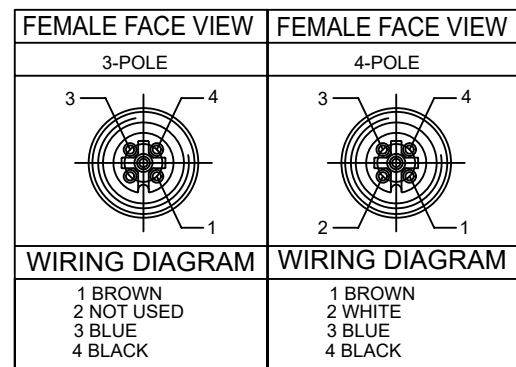
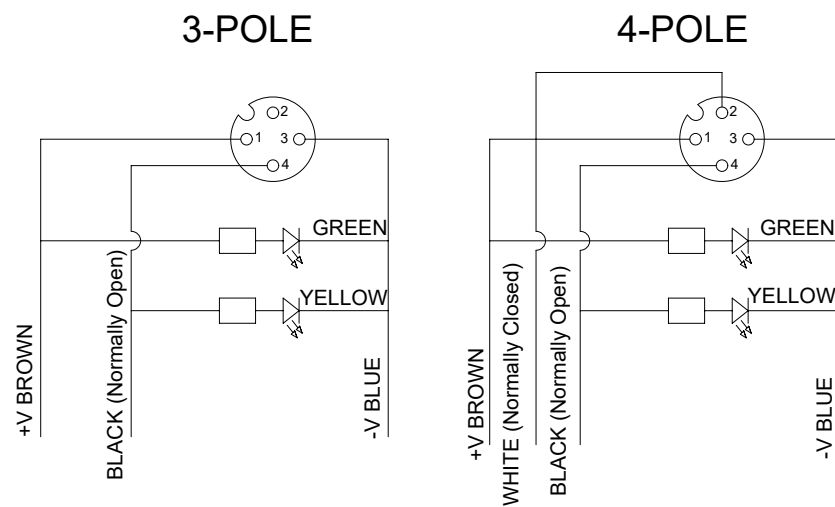


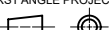


| Over  | Up to and including | Tolerance (+) |
|-------|---------------------|---------------|
| 0     | 305                 | +19           |
| 305   | 915                 | +45           |
| 915   | 1830                | +56           |
| 1830  | 3660                | +89           |
| 3660  | 7320                | +165          |
| 7320  | 14640               | +317          |
| 14640 | 30500               | +610          |
| 30500 | >                   | +2% of lenght |

| CONNECTOR SPECIFICATION: |                                                  |
|--------------------------|--------------------------------------------------|
| VOLTAGE RATING           | 10 TO 30VDC                                      |
| AMPERAGE RATING          | max. 4 AMPS                                      |
| PROTECTION               | IP67                                             |
| OPERATING TEMPERATURE    | FLEXING: -5°C TO +90°C<br>STATIC: -30°C TO +90°C |

| ITEM | COMPONENT   | MATERIAL     | FINISH  |
|------|-------------|--------------|---------|
| 9    | LED         |              | GREEN   |
| 8    | LED         |              | YELLOW  |
| 7    | LABEL       | ---          | ---     |
| 6    | O-RING      | VITON        | RED     |
| 5    | COUPLER     | ---          | ---     |
| 4    | PIN CONTACT | COPPER ALLOY | ---     |
| 3    | INSERT      | PUR          | BLACK   |
| 2    | OVERMOLD    | PUR          | NATURAL |
| 1    | CABLE       | SEE TABLE    | BLACK   |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/02/24 | 12:54:48 |
|-----------------|----|--------------|------------|----------|

|                                                                                                                                               |   |       |      |                                                                                           |  |                |                                                                                                                                |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|-------------------------------------------------------------------------------------------|--|----------------|--------------------------------------------------------------------------------------------------------------------------------|--------------|--|
| 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: REMOVED OBSOLETE PART<br>NUMBERS AS PER PCN#510806.                     |  |                | <div style="text-align: center;">  </div> |              |  |
| mm                                                                                                                                            |   | NTS   |      |                                                                                           |  |                |                                                                                                                                |              |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |   |       |      | CSE M12 PNP XP AC FE<br>RA XM SE                                                          |  |                |                                                                                                                                |              |  |
|                                                                                                                                               |   |       |      |                                                                                           |  |                |                                                                                                                                |              |  |
|                                                                                                                                               |   | MM    | INCH | <div style="text-align: center;"> <b>PRODUCT CUSTOMER DRAWING</b> </div>                  |  |                |                                                                                                                                |              |  |
| 4 PLACES                                                                                                                                      | ± |       | ±    |                                                                                           |  |                |                                                                                                                                |              |  |
| 3 PLACES                                                                                                                                      | ± |       | ±    |                                                                                           |  |                |                                                                                                                                |              |  |
| 2 PLACES                                                                                                                                      | ± |       | ±    |                                                                                           |  |                |                                                                                                                                |              |  |
| 1 PLACE                                                                                                                                       | ± |       | ±    |                                                                                           |  |                |                                                                                                                                |              |  |
| 0 PLACES                                                                                                                                      | ± |       | ±    |                                                                                           |  |                |                                                                                                                                |              |  |
| ANGULAR TOL ± 1.0 °                                                                                                                           |   |       |      | <div style="text-align: center;"> <b>DOCUMENT NUMBER</b><br/>SD-120067-035         </div> |  |                |                                                                                                                                |              |  |
|                                                                                                                                               |   |       |      |                                                                                           |  |                |                                                                                                                                |              |  |
| DRFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                     |   |       |      | FIRST ANGLE PROJECTION                                                                    |  | DRAWING        |                                                                                                                                | SERIES       |  |
|                                                                                                                                               |   |       |      |      |  | A3-SIZE        |                                                                                                                                | 120067       |  |
|                                                                                                                                               |   |       |      | MATERIAL NUMBER                                                                           |  | CUSTOMER       |                                                                                                                                | SHEET NUMBER |  |
|                                                                                                                                               |   |       |      | SEE TABLE                                                                                 |  | GENERAL MARKET |                                                                                                                                | 1 OF 2       |  |

