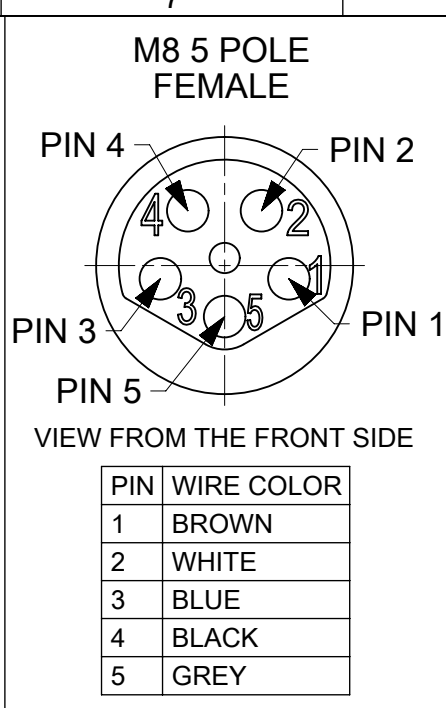
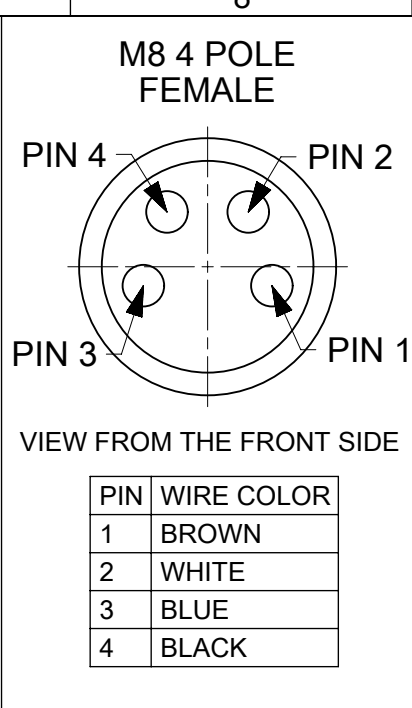
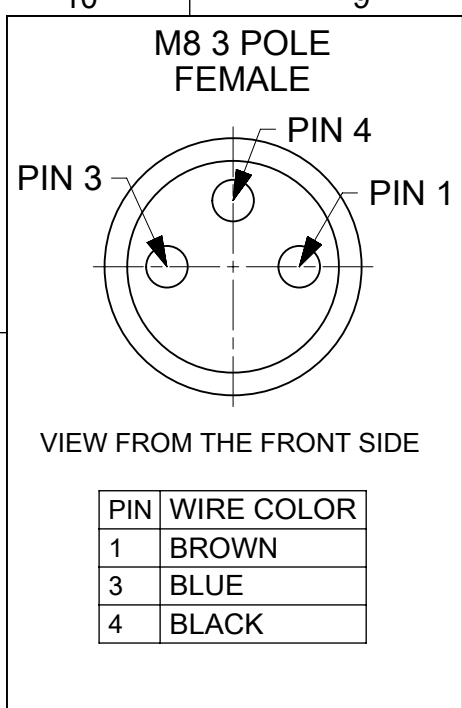




PART No. MATRIX

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | R | X | F | 3 | 0 | E | 0 | 2 | X | X | X | X | X |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

4R = M8 REC

Poles:  
4 = 4 Poles  
5 = 5 Poles  
8 = 8 Poles

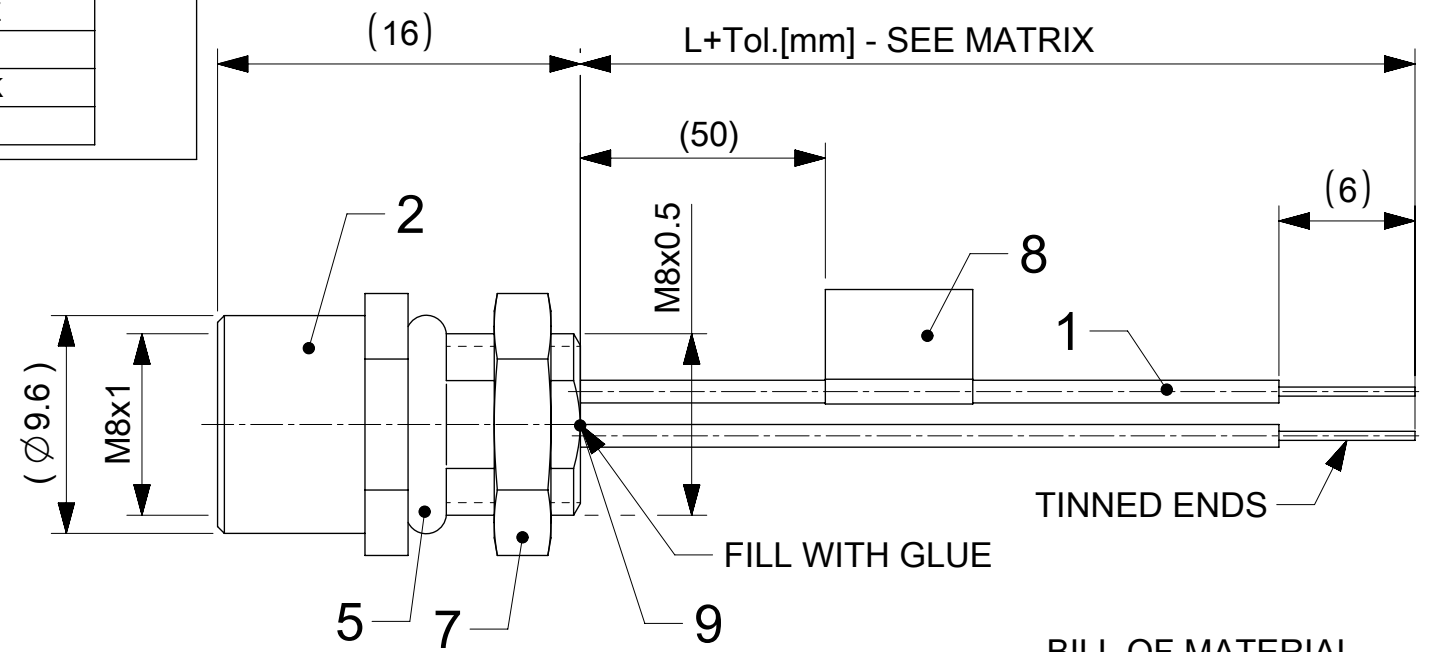
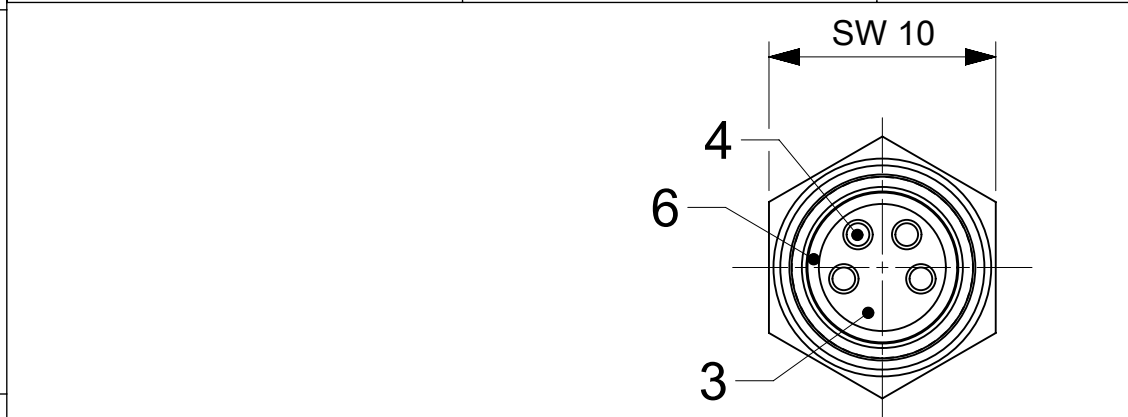
Shell Type

Wires  
E02 = 0.25mm² PVC

Units:  
M = Meters  
C = Centimeters

Length  
Examples:  
005 = 0.5 unit  
010 = 1 unit  
100 = 10 units

Shell material:  
Blank = Aluminum  
1 = stainless steel  
3 = brass with nickel plated



M8 3-4-5P A-B Code:  
ELECTRICAL DATA:  
3P VOLTAGE RATING: 60V  
4-5P VOLTAGE RATING: 30V  
AMPERAGE RATING: 3A  
INSULATION RESISTANCE: 10<sup>8</sup> Ω MIN.  
MATING CYCLES: MIN. 100

ENVIRONMENTAL:  
PROTECTION: IP65 in mated and locked position.  
OPERATING TEMPERATURE: -25°C TO +85°C  
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

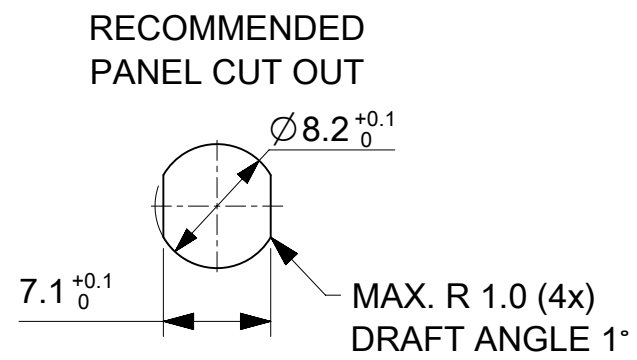
BILL OF MATERIAL

|      |       |                        |            |                         |
|------|-------|------------------------|------------|-------------------------|
| 9    | -     | POTTING MATERIAL       | WEVO       | -                       |
| 8    | 1     | LABEL                  | VINYL      | YELLOW                  |
| 7    | 1     | LOCKNUT M8X0.5         | BRASS      | NICKEL PLATED           |
| 6    | 1     | GASKET                 | FKM        | RED                     |
| 5    | 1     | O-RING                 | NBR        | BLACK                   |
| 4    | 3/4/5 | CONTACT 10 FE          | BRONZE     | GOLD OVER NICKEL PLATED |
| 3    | 1     | INSERT M8 FE 5P        | ELASTOLLAN | BLACK                   |
| 2    | 1     | REC SHELL M8(FE)XM8(M) | BRASS      | NICKEL PLATED           |
| 1    | -     | WIRE;24AWG;OD=1.43mm   | PVC        | GRAY                    |
|      | -     | WIRE;24AWG;OD=1.43mm   |            | BROWN                   |
|      | -     | WIRE;24AWG;OD=1.43mm   |            | WHITE                   |
|      | -     | WIRE;24AWG;OD=1.43mm   |            | BLUE                    |
|      | -     | WIRE;24AWG;OD=1.43mm   |            | BLACK                   |
| ITEM | QTY   | DESCRIPTION            | MATERIAL   | FINISH/COLOR            |

PART LIST

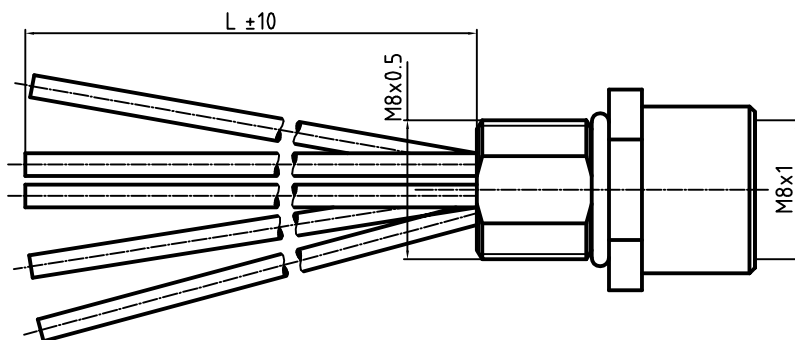
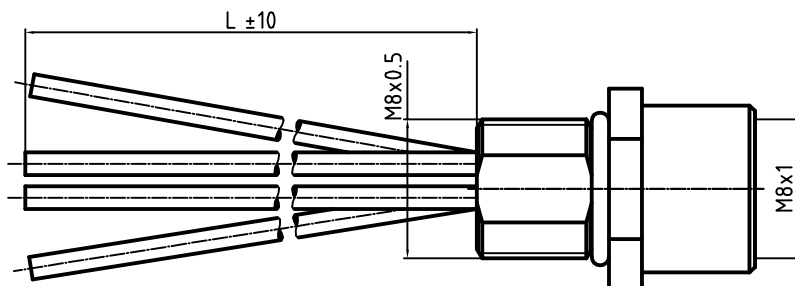
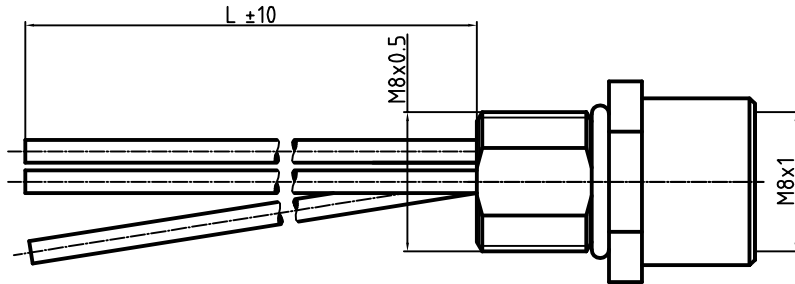
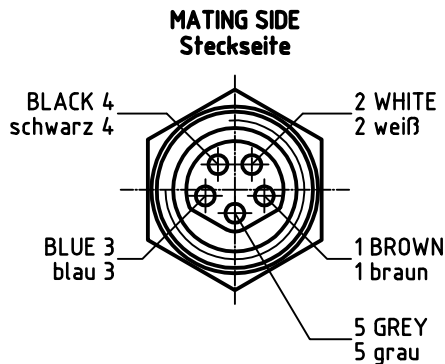
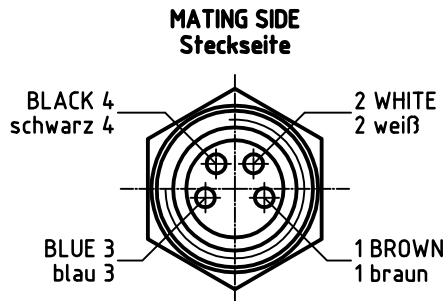
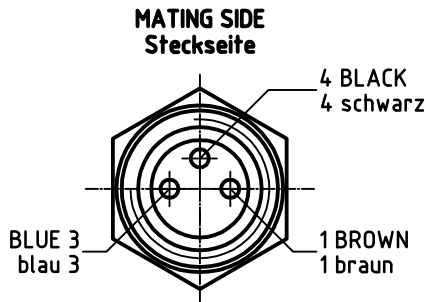
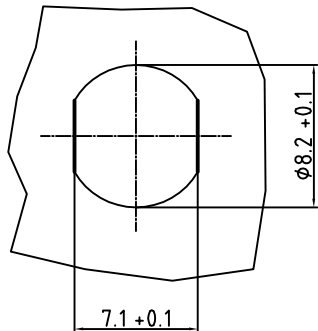
| MOLEX PN   | ENGINEERING NO. | LENGTH (MM) |
|------------|-----------------|-------------|
| 1200905071 | 4R3F30E02C200   | 2000        |
| 1200310015 | 4R3F30E02C3003  | 3000        |
| 1200310053 | 4R3F30E02M0203  | 2000        |
| 1200905076 | 4R4F30E02C200   | 2000        |
| 1200908035 | 4R4F30E02C2103  | 2100        |
| 1200908011 | 4R4F30E02C300   | 3000        |
| 1200310049 | 4R4F30E02C3003  | 3000        |
| 1200905106 | 4R5F30E02C200   | 2000        |
| 1200310028 | 4R5F30E02C3003  | 3000        |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/11/30 | 13:30:45 |
|-----------------|----|--------------|------------|----------|



|                                 |                     |               |                                                      |                                       |                                                                                                                                               |  |  |  |
|---------------------------------|---------------------|---------------|------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Table of length tolerances [mm] |                     |               | FUNCTIONAL SYMBOLS                                   |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |  |
| Over                            | Up to and including | Tolerance     | FA = 0                                               | SCALE                                 | CURRENT REV DESC: PACKAGING SPEC ADDED                                                                                                        |  |  |  |
| 0                               | 305                 | +19           | FE = 0                                               | mm                                    |                                                                                                                                               |  |  |  |
| 305                             | 915                 | +45           | FD = 0                                               | 3:1                                   |                                                                                                                                               |  |  |  |
| 915                             | 1830                | +56           | DIVISIONAL SYMBOLS                                   | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                                               |  |  |  |
| 1830                            | 3660                | +89           |                                                      | ANGULAR TOL ± 1.0°                    |                                                                                                                                               |  |  |  |
| 3660                            | 7320                | +165          |                                                      | 4 PLACES ±                            |                                                                                                                                               |  |  |  |
| 7320                            | 14640               | +317          | 2 PLACES ± 0.05                                      |                                       | EC NO: 770174<br>DRWN: RSCHIEBER<br>CHK'D: RSILLER<br>APPR: RSILLER<br>2023/11/30                                                             |  |  |  |
| 14640                           | 30500               | +610          | 1 PLACE ± 0.3                                        |                                       |                                                                                                                                               |  |  |  |
| 30500                           | >                   | +2% of length | 0 PLACES ± 0.5                                       |                                       |                                                                                                                                               |  |  |  |
|                                 |                     |               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                       | INITIAL REVISION:<br>DRWN: MDHARMANTI<br>APPR: RSILLER<br>2022/04/05<br>2022/04/08                                                            |  |  |  |
|                                 |                     |               | THIRD ANGLE PROJECTION                               |                                       | DOCUMENT NUMBER                                                                                                                               |  |  |  |
|                                 |                     |               | A3-SIZE                                              |                                       | 1200905076                                                                                                                                    |  |  |  |
|                                 |                     |               | SERIES                                               |                                       | PSD 000 A1                                                                                                                                    |  |  |  |
|                                 |                     |               | MATERIAL NUMBER                                      |                                       | SEE PART LIST                                                                                                                                 |  |  |  |
|                                 |                     |               | CUSTOMER                                             |                                       | GENERAL MARKET                                                                                                                                |  |  |  |
|                                 |                     |               |                                                      |                                       | SHEET NUMBER                                                                                                                                  |  |  |  |
|                                 |                     |               |                                                      |                                       | 1 OF 1                                                                                                                                        |  |  |  |

MOUNTING HOLE  
Montageausschnitt



NOTES / Bemerkung:

|   |                                                                |                 |
|---|----------------------------------------------------------------|-----------------|
| 1 | CRIMP CONTACT<br>Crimp Kontakt                                 | WN-00003        |
| 2 | CABLE LENGTH<br>TOLERANCE<br>Kabellängentoleranz               | WN-00004        |
| 3 | POTTING<br>Verguss                                             | ES-120000-019   |
| 4 | PACKAGING FOR<br>RECEPTACLE<br>Verpackung für<br>Gerätestecker | PK-120000-018   |
| 5 | PIN-ASSIGNMENT<br>Pin-Belegung                                 | IEC 61076-2-104 |
| 6 | WINDING SPECIFICATION<br>Wickelvorschrift                      | ES-120000-020   |

| SAP-NUMBER<br>SAP-Nummer | OLD MATERIAL-NO.<br>alte Artikel-Nr. | LENGTH<br>Länge | REPLACED<br>Ersatz für |
|--------------------------|--------------------------------------|-----------------|------------------------|
| 1200905071               | 4R3F30E02C200                        | 0.2 M           | 0908 031GF 09000       |
| 1200905102               | 4R3F30E02C500                        | 0.5 M           | 0908 031GF 09003       |
| 1200905076               | 4R4F30E02C200                        | 0.2 M           | 0908 041GF 09000       |
| 1200905106               | 4R5F30E02C200                        | 0.2 M           | 0908 051GF 09000       |

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| DESCRIPTION<br>EC NO.: WEU2009-0457<br>6/19/09<br>DRWN: BBRAUCH<br>CH'KD: ---<br>APPR: JKOLB<br>2009/09/15 |
| 1                                                                                                          |

|                                                 |
|-------------------------------------------------|
| DESCRIPTION<br>QUALITY<br>SYMBOLS<br>= 0<br>= 0 |
| REV                                             |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       |      |
|------------------------------------------------------------|-------|------|
|                                                            | mm    | INCH |
| 4 PLACES                                                   | ±---  | ±--- |
| 3 PLACES                                                   | ±---  | ±--- |
| 2 PLACES                                                   | ±0.05 | ±--- |
| 1 PLACE                                                    | ±0.1  | ±--- |
| ANGULAR ± ---- °                                           |       |      |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |      |

| DIMENSION STYLE |            |
|-----------------|------------|
| MM              |            |
| DRAWN BY        | DATE       |
| BB              | 2009/06/19 |
| CHECKED BY      | DATE       |
| JKO             | 2009/08/05 |
| APPROVED BY     | DATE       |
| FP              | 2009/08/05 |
| MATERIAL NO.    |            |
| see table       |            |
| SIZE            |            |
| A3              |            |

|                                                                                                          |                        |                                                                                       |                           |
|----------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|---------------------------|
| SCALE<br>2:1                                                                                             | DESIGN UNITS<br>METRIC |  | FIRST ANGLE<br>PROJECTION |
| M8 FEMALE RECEPTACLES-XM<br>M8 GERAETEBUCHSE-XM<br><br>----                                              |                        |                                                                                       |                           |
|  MOLEX INCORPORATED |                        |                                                                                       |                           |
| DOCUMENT NO.<br>SD-120090-002                                                                            |                        |                                                                                       | SHEET NO.<br>1 OF 1       |
| CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX                                                        |                        |                                                                                       |                           |