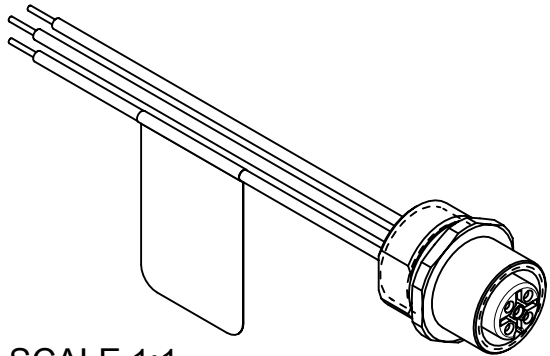
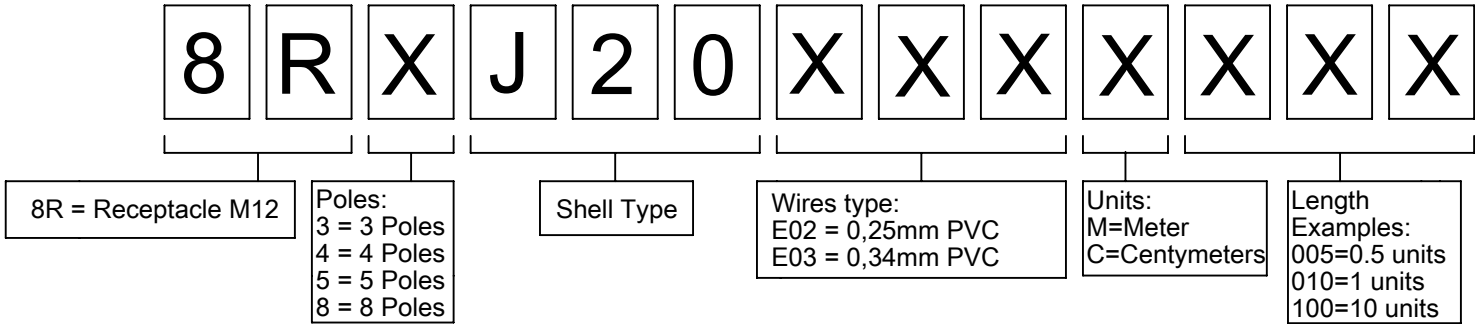


WIRES SPECIFICATION:

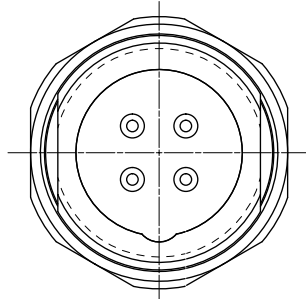
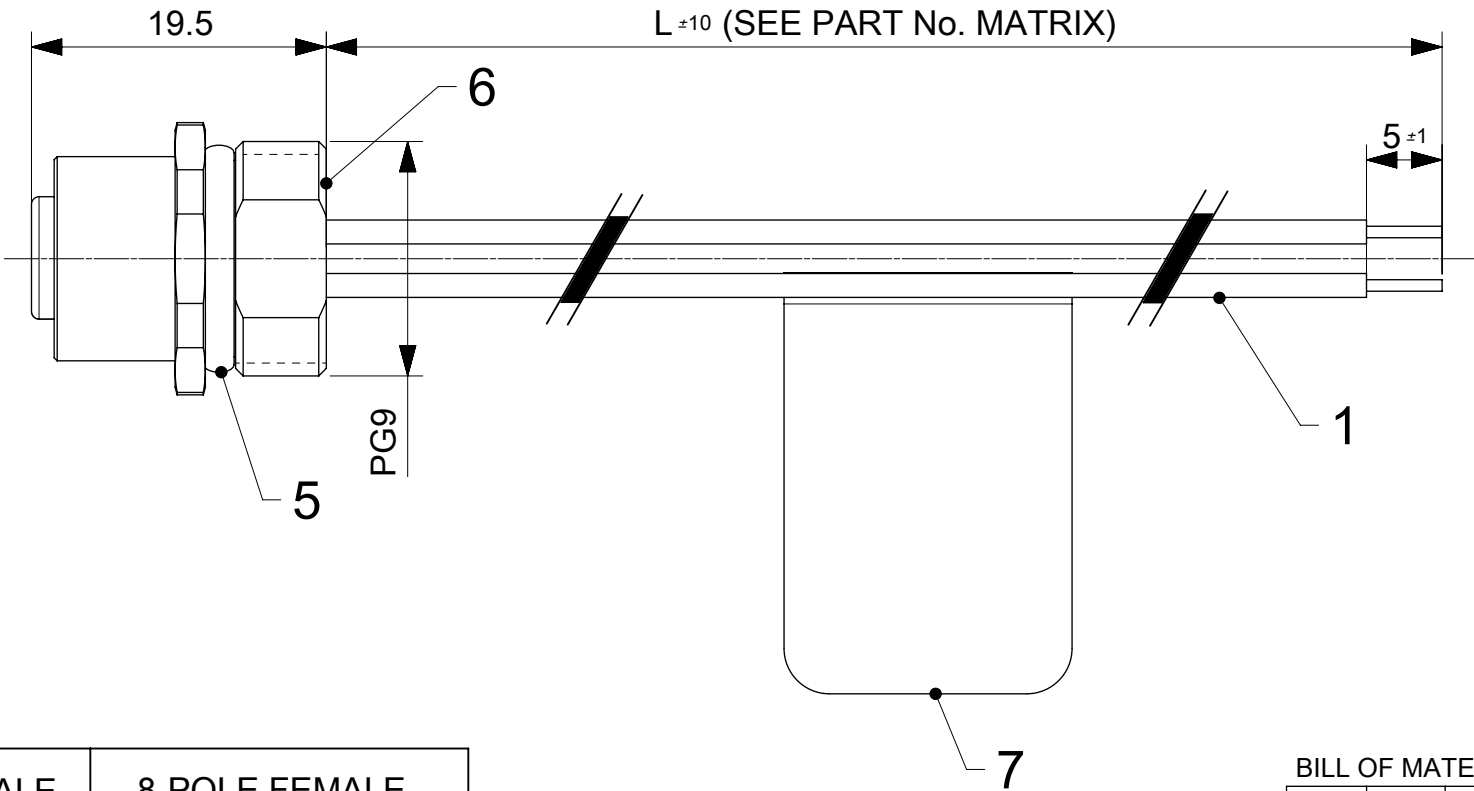
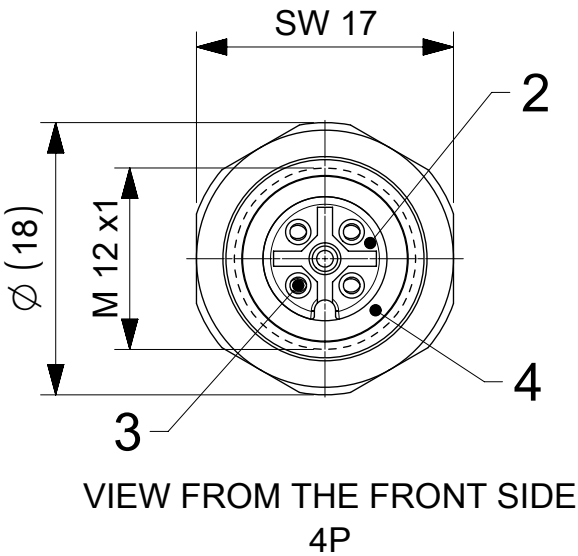
RATED VOLTAGE: 300V  
RATED TEMPERATUE: 105°C  
PRODUCT STANDARD CERTIFICATION: UL  
FLAMMABILITY TEST: VW-1, CSA FT1  
AWG: 22  
CONSTRUCTION:17/0.16  
INSULATION: PVC  
INSULATION DIAMETER: 1.58 ±0.05mm

ENGINEERING NO. - NUMERICAL CODE

(Available parts see PART LIST table. Others on request).



SCALE 1:1



VIEW FROM THE BACK SIDE  
4P

3-POLE FEMALE

VIEW FROM FRONT SIDE

| PIN | WIRE COLOR |
|-----|------------|
| 1   | BROWN      |
| 2   | -          |
| 3   | BLUE       |
| 4   | BLACK      |

4-POLE FEMALE

VIEW FROM FRONT SIDE

| PIN | WIRE COLOR |
|-----|------------|
| 1   | BROWN      |
| 2   | WHITE      |
| 3   | BLUE       |
| 4   | BLACK      |

5-POLE FEMALE

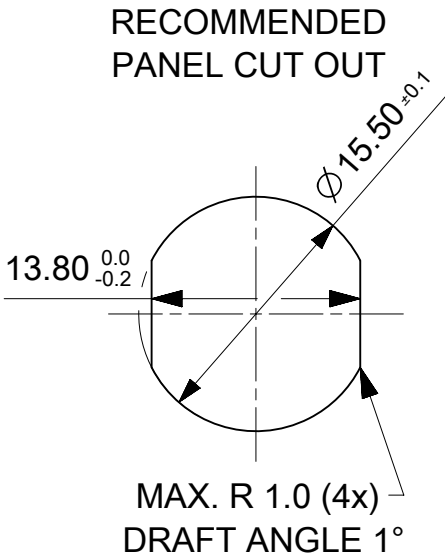
VIEW FROM FRONT SIDE

| PIN | WIRE COLOR  |
|-----|-------------|
| 1   | BROWN       |
| 2   | WHITE       |
| 3   | BLUE        |
| 4   | BLACK       |
| 5   | GRAY/YELLOW |

8-POLE FEMALE

VIEW FROM FRONT SIDE

| PIN | WIRE COLOR |
|-----|------------|
| 1   | WHITE      |
| 2   | BROWN      |
| 3   | GREEN      |
| 4   | YELLOW     |
| 5   | GRAY       |
| 6   | PINK       |
| 7   | BLUE       |
| 8   | RED        |



BILL OF MATERIALS

|      |      |                         |            |        |
|------|------|-------------------------|------------|--------|
| 7    | 1    | LABEL                   | VINYL      | -      |
| 6    | 1    | POTTING MATERIAL        | PUR        | -      |
| 5    | 1    | O-Ring                  | NBR        | -      |
| 4    | 1    | GASKET M12              | FPM        | -      |
| 3    | 8    | CONTACT FEMALE          | BRASS      | -      |
| 2    |      | INSERT M12 FE           | ELASTOLLAN | -      |
| 1    | -    | WIRE 22AWG D1.58 UL1569 | PVC        | -      |
| ITEM | QTY. | DESCRIPTION             | MATERIAL   | FINISH |

|                    |                                                                                                                                               |                                                      |        |                        |                           |         |                          |                  |  |                            |  |          |  |          |  |          |  |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------|------------------------|---------------------------|---------|--------------------------|------------------|--|----------------------------|--|----------|--|----------|--|----------|--|
| FUNCTIONAL SYMBOLS | 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:         |         |                          | <div>molex</div> |  |                            |  |          |  |          |  |          |  |
|                    | mm                                                                                                                                            |                                                      | 2:1    |                        |                           |         |                          |                  |  |                            |  |          |  |          |  |          |  |
|                    | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                                                      |        |                        |                           |         |                          |                  |  |                            |  |          |  |          |  |          |  |
|                    | ANGULAR TOL ± 1.0 °                                                                                                                           |                                                      |        |                        |                           |         |                          |                  |  |                            |  |          |  |          |  |          |  |
|                    | 4 PLACES                                                                                                                                      |                                                      |        |                        |                           |         |                          | EC NO: 796126    |  | REC M12 XP AC FE XM PG9 FM |  |          |  |          |  |          |  |
|                    | 3 PLACES                                                                                                                                      |                                                      |        |                        | DRWN: VHANDI 2024/08/22   |         |                          |                  |  |                            |  |          |  |          |  |          |  |
|                    | 2 PLACES                                                                                                                                      |                                                      | ± 0.05 |                        | CHK'D: RSILLER 2024/08/23 |         |                          |                  |  |                            |  |          |  |          |  |          |  |
|                    | 1 PLACE                                                                                                                                       |                                                      | ± 0.3  |                        | APPR: RSILLER 2024/08/23  |         | PRODUCT CUSTOMER DRAWING |                  |  |                            |  |          |  |          |  |          |  |
|                    | 0 PLACES                                                                                                                                      |                                                      | ± 0.5  |                        | INITIAL REVISION:         |         |                          |                  |  |                            |  |          |  |          |  |          |  |
| DIVISIONAL SYMBOLS |                                                                                                                                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        | THIRD ANGLE PROJECTION |                           | DRAWING |                          | SERIES           |  | DOCUMENT NUMBER            |  | DOC TYPE |  | DOC PART |  | REVISION |  |
|                    |                                                                                                                                               |                                                      |        |                        |                           | A3-SIZE |                          | 120070           |  | 1200705164                 |  | PSD      |  | 000      |  | A1       |  |
|                    |                                                                                                                                               |                                                      |        |                        |                           |         |                          |                  |  |                            |  |          |  |          |  |          |  |
|                    |                                                                                                                                               |                                                      |        |                        |                           |         |                          |                  |  |                            |  |          |  |          |  |          |  |
|                    |                                                                                                                                               |                                                      |        |                        |                           |         |                          |                  |  |                            |  |          |  |          |  |          |  |
|                    |                                                                                                                                               |                                                      |        |                        |                           |         |                          |                  |  |                            |  |          |  |          |  |          |  |

