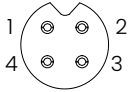




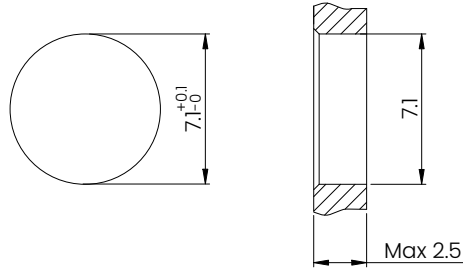
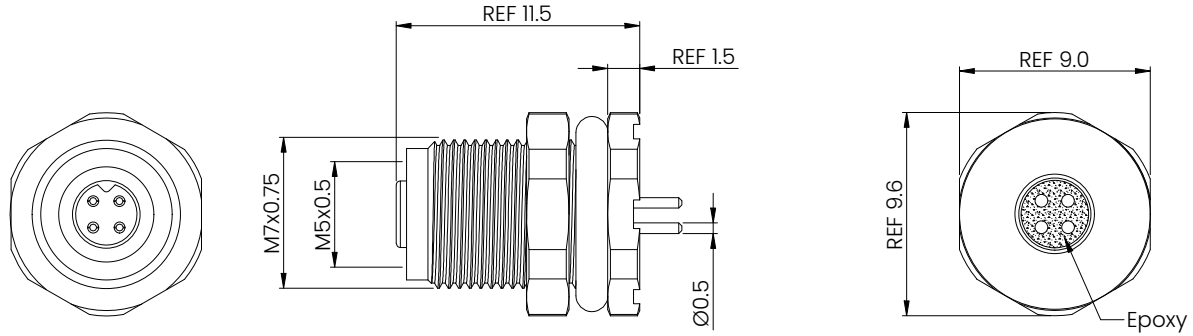
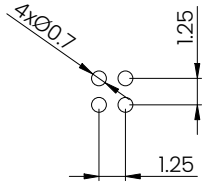
| REV  | DESCRIPTION | DATE       | APPROVEN |
|------|-------------|------------|----------|
| R1.0 | First issue | 2024/03/12 | JIM.KING |

#### Pinout



4P

#### PCB Layout



Recommended  
Panel cut-out

#### Technical Specifications

|                   |                   |
|-------------------|-------------------|
| Coupling          | Threaded Coupling |
| Termination       | Screw             |
| Pollution Degree  | 3                 |
| Mating Cycles     | ≥500              |
| IP Rating         | IP67 When Mated   |
| Temperature Range | -25°C ~ +80°C     |

|                            |        |
|----------------------------|--------|
| Core count                 | 4      |
| Rated Voltage/Current      | 1A/60V |
| Rated Pulse Voltage        | 800V   |
| Insulation Resistance (MΩ) | ≥100   |
| Contact Resistance (mΩ)    | ≤3     |

|    |              |              |                |                                                                                     | -TOLERANCES-<br>UNLESS OTHERWISE<br>SPECIFIED | <div><b>Metabee (Chengdu) Technology Co., Ltd.</b><br/>Tel: +8615926241606 E-mail: Sales@metabeeai.com</div> |                                                                                                                                                                             |            |                                                                                         |      |      |  |
|----|--------------|--------------|----------------|-------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------|------|------|--|
| 5  | Nut          | Brass        | Nickel Plating | 1                                                                                   |                                               | UNLESS OTHERWISE SPECIFIED<br>TOLERANCES FOR MILLIMETERS<br>ARE:<br>0.5 - 8mm ± 0.20mm<br>8 - 30mm ± 0.25mm<br>30 -120mm ± 0.30mm                                                                 |   |            | PART DESCRIPTION: <b>M5 Female Connector,<br/>Panel Mount, PCB Type, Front fastened</b> |      |      |  |
| 4  | Sealing Ring | NBR          | Black          | 1 <th>Appd:</th> <td>Jim.king</td> <th colspan="4">P/N: <b>M5A-4SF-PN-F001</b></th> |                                               |                                                                                                                                                                                                   | Appd:                                                                                                                                                                       | Jim.king   | P/N: <b>M5A-4SF-PN-F001</b>                                                             |      |      |  |
| 3  | Center Pin   | Copper Alloy | Gold Plating   | /                                                                                   | Check:                                        |                                                                                                                                                                                                   |                                                                                                                                                                             | Date       | Scale                                                                                   | Unit | Page |  |
| 2  | Insulator    | PA66 UL94-V0 | Black          | 1                                                                                   | Draw:                                         |                                                                                                                                                                                                   | Gavin                                                                                                                                                                       | 2024.03.12 | Free                                                                                    | MM   | 1/1  |  |
| 1  | Shell        | Brass        | Nickel Plating | 1                                                                                   |                                               |                                                                                                                                                                                                   |                                                                                                                                                                             |            |                                                                                         |      |      |  |
| NO | DESCRIPTION  | MATERIAL     | FINISH         | QTY                                                                                 |                                               |                                                                                                                                                                                                   |                                                                                                                                                                             |            |                                                                                         |      |      |  |