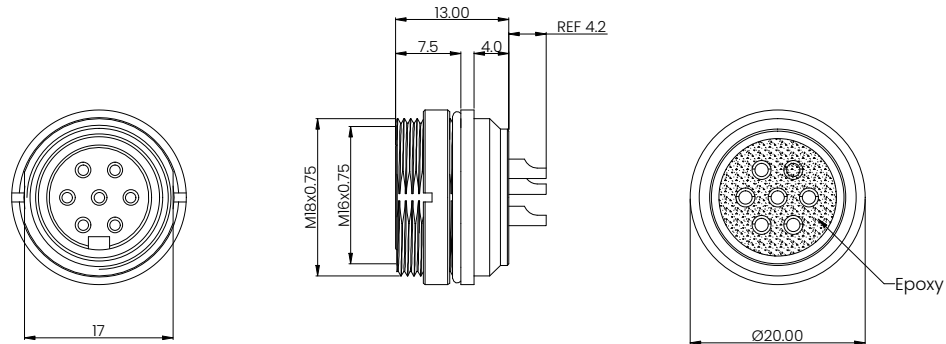
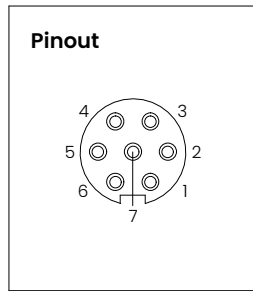




| REV  | DESCRIPTION | DATE       | APPROVEN |
|------|-------------|------------|----------|
| R1.0 | First issue | 2025/03/12 | JIM.KING |



| 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                 | 7       |
| Rated Voltage/Current      | 5A/125V |
| Rated Pulse Voltage        | 800V    |
| Insulation Resistance (MΩ) | ≥100    |
| Contact Resistance (mΩ)    | ≤5      |

|    |              |              |                |     | Metabee (Chengdu) Technology Co., Ltd.<br>Tel: +8615926241606 E-mail: Sales@metabeeai.com                                                                                               |  |                                                                                    |          |       |            |
|----|--------------|--------------|----------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|----------|-------|------------|
| 5  | Nut          | Brass        | Nickel Plating | 1   | -TOLERANCES-<br>UNLESS OTHERWISE<br>SPECIFIED<br><br>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>M16 Female Connector, Panel Mount, Solder, Front fastened</b> |          |       |            |
| 4  | Sealing Ring | NBR          | Black          | 2   |                                                                                                                                                                                         |  | P/N: <b>M16A-7SF-DN-F002</b>                                                       |          |       |            |
| 3  | Center Pin   | Copper Alloy | Gold Plating   | 7   |                                                                                                                                                                                         |  | Appd:                                                                              | Jim.king | Date  | 2025.03.12 |
| 2  | Insulator    | PA66 UL94-V0 | Black          | 1   |                                                                                                                                                                                         |  | Check:                                                                             |          | Scale | Free       |
| 1  | Shell        | Brass        | Nickel Plating | 1   |                                                                                                                                                                                         |  | Draw:                                                                              | Gavin    | Unit  | MM         |
| NO | DESCRIPTION  | MATERIAL     | FINISH         | QTY |                                                                                                                                                                                         |  |                                                                                    |          | Page  | 1/1        |
| 1  | 2            | 3            | 4              | 5   | 6                                                                                                                                                                                       |  |                                                                                    |          |       |            |