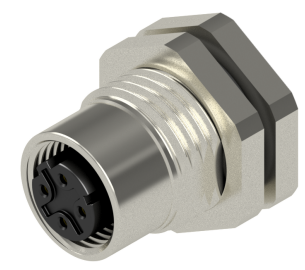
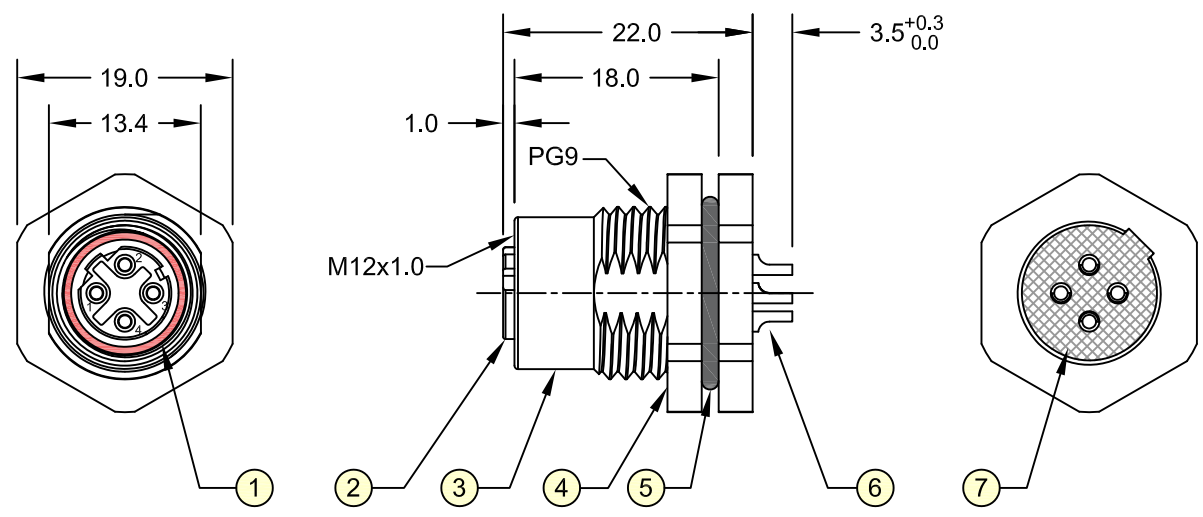


| REV. | DESCRIPTION    | DATE       | DRAWN  |
|------|----------------|------------|--------|
| A    | New            | 09.03.2017 | Cherry |
| B    | General update | 04.07.2019 | Cheng  |



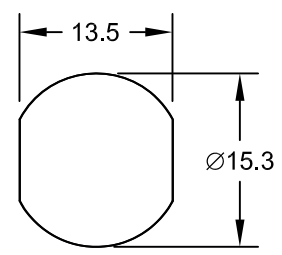
**Order Code**  
M12-FD04-CVFP-55/00

**Specifications**

**Electrical**  
 Current rating: 4A per contact  
 Insulation resistance: 100MΩ min.  
 Voltage rating: 250V AC/DC  
 Withstanding voltage: 1400V AC

**Mechanical Requirements**  
 Waterproof rate: IP68  
 Recommended panel thickness: 0.8 to 5.0mm  
 Recommended torque: 9~10 kgf-cm  
 Operating life: 100 cycles min.

In accordance with IEC 61076-2-101:2012



Recommended Panel Cut-out  
(Tolerance ±0.05)



| Item | Part Name  | Materials / Finish(Color) | Q'TY |
|------|------------|---------------------------|------|
| 1    | O-Ring     | Silicone / Red            | 1    |
| 2    | Housing    | Thermoplastic / Black     | 1    |
| 3    | Metal Body | Copper Alloy / Ni Plated  | 1    |
| 4    | Hex Nut    | Copper Alloy / Ni Plated  | 1    |
| 5    | O-Ring     | NBR / Black               | 1    |
| 6    | Contact    | Copper Alloy / Au Plated  | 4    |
| 7    | Glue       | Epoxy / Black             | -    |

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| UNIT | SCALE | GENERAL TOLERANCE | DRAWN  | DATE       | DWG. NO.            | SHEET  |
|------|-------|-------------------|--------|------------|---------------------|--------|
| mm   | Free  | X.° ±             | Cherry | 09.03.2017 | M12-FD04-CVFP-55/00 | 1/1    |
|      |       | .X ° ±            | Cheng  | 04.07.2019 |                     | REV. B |
|      |       | .XX ° ±           | Fagi   | 04.07.2019 | SERIES NO.          |        |
|      |       | .XXX ° ±          |        |            | M12-FD04-CVFP-55/00 |        |

**M12 Circular Connector**  
**4-Pin Female D - Coding Type**  
 Solder Cup - Panel Front Mount