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| PART NUMBER  |
| 142-0901-431 |

| REV | ECO             | DATE       |
|-----|-----------------|------------|
| 1   | INITIAL RELEASE | 08/12/2021 |
|     |                 |            |
|     |                 |            |

1. MATERIAL AND FINISH:

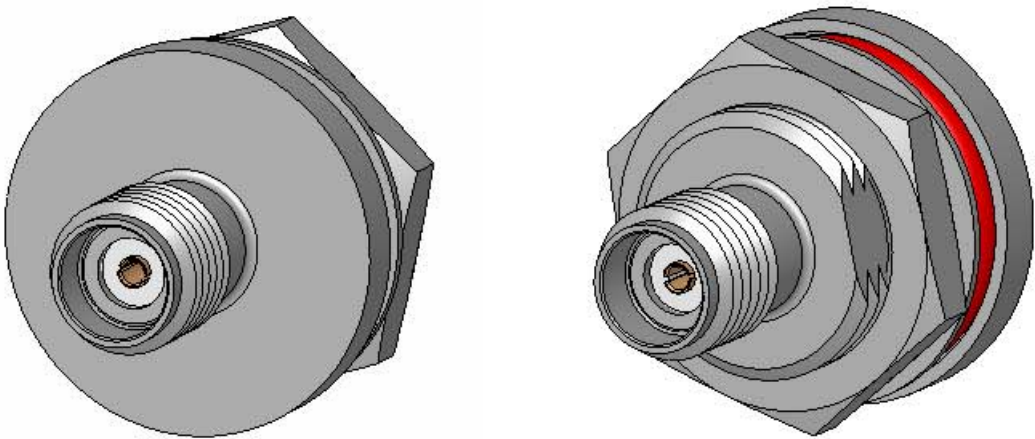
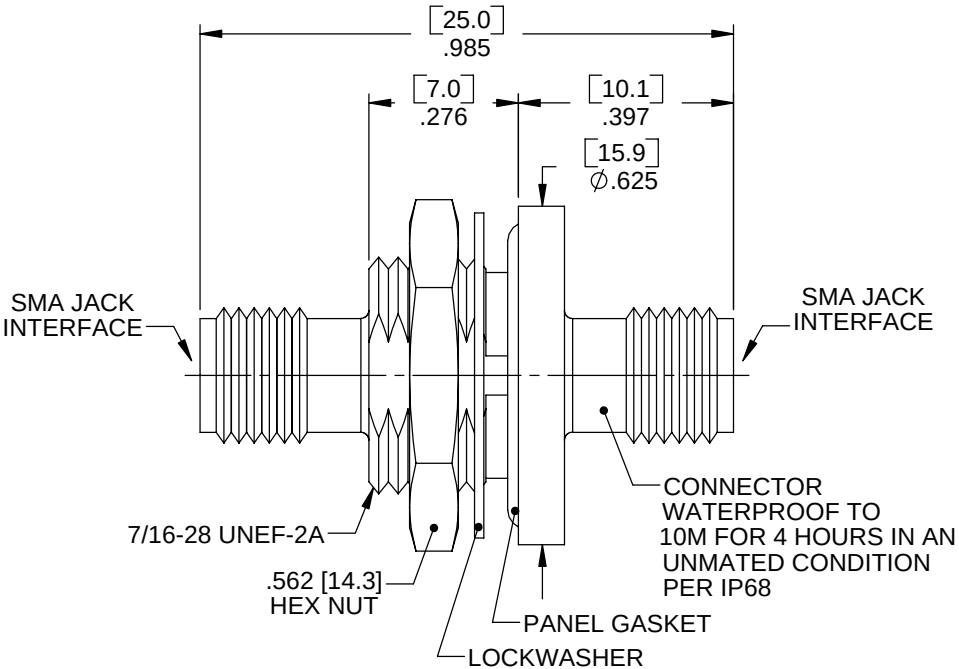
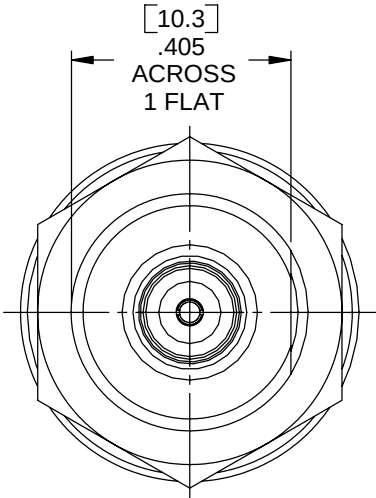
- 1.1 BODY: BRASS, NICKEL PLATE
- 1.2 CONTACT: BERYLLIUM COPPER, GOLD PLATE
- 1.3 INSULATOR: PTFE
- 1.4 O-RINGS: SILICONE RUBBER

2. ELECTRICAL SPECIFICATIONS:

- 2.1 IMPEDANCE: 50 OHMS NOMINAL
- 2.2 FREQUENCY RANGE: DC-18 GHZ
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 1,500 VRMS
- 2.4 INSULATION RESISTANCE: 5,000 MEGOHMS
- 2.5 TEMPERATURE RATING: -65°C TO +165°C

3. MECHANICAL SPECIFICATIONS:

- 3.1 CONNECTOR DURABILITY: 250 CYCLES MIN.
- 3.2 PANEL THICKNESS: .125 [3.2] MAX.
- 3.3 CONNECTOR MEETS: MIL-STD-348 FIG. 310-2, MIL-PRF-39012



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                      |            |                                                                                       |      |                                                       |                         |                  |       |      |        |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | RoHS <input checked="" type="checkbox"/><br>EU/2015/863<br>COMPLIANT |            | Cage Code                                                                             |      | Title: SMA JACK TO SMA JACK<br>BULKHEAD ADAPTER, IP68 |                         |                  |       |      |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | UNLESS OTHERWISE SPECIFIED<br>UNITS: INCH                            |            |  |      | Drawing No.                                           |                         | REV.             |       |      |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | .XXX ±.008<br>.XXXX ±.004<br>ANGLES ±5°                              |            | Drawn by:<br>TOMMY REN                                                                |      | 142-0901-431/440                                      |                         | 1                |       |      |        |
| Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                      | 08/12/2021 |                                                                                       | Size | B                                                     | DO NOT SCALE<br>DRAWING | Workmanship Std: | Sheet | NONE | 1 OF 1 |