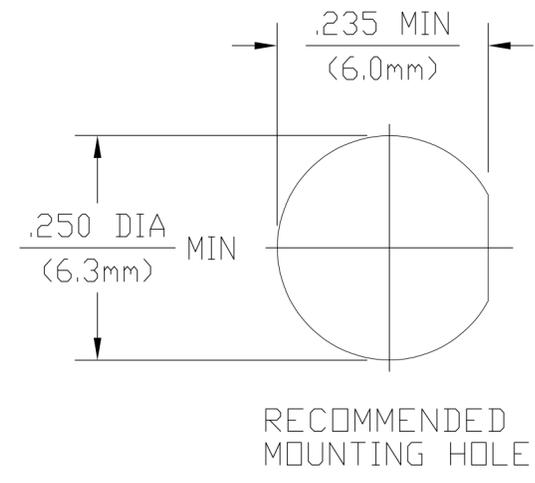
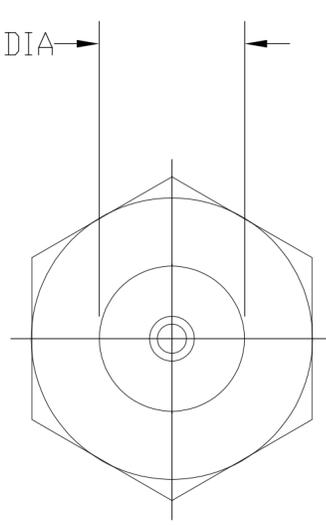
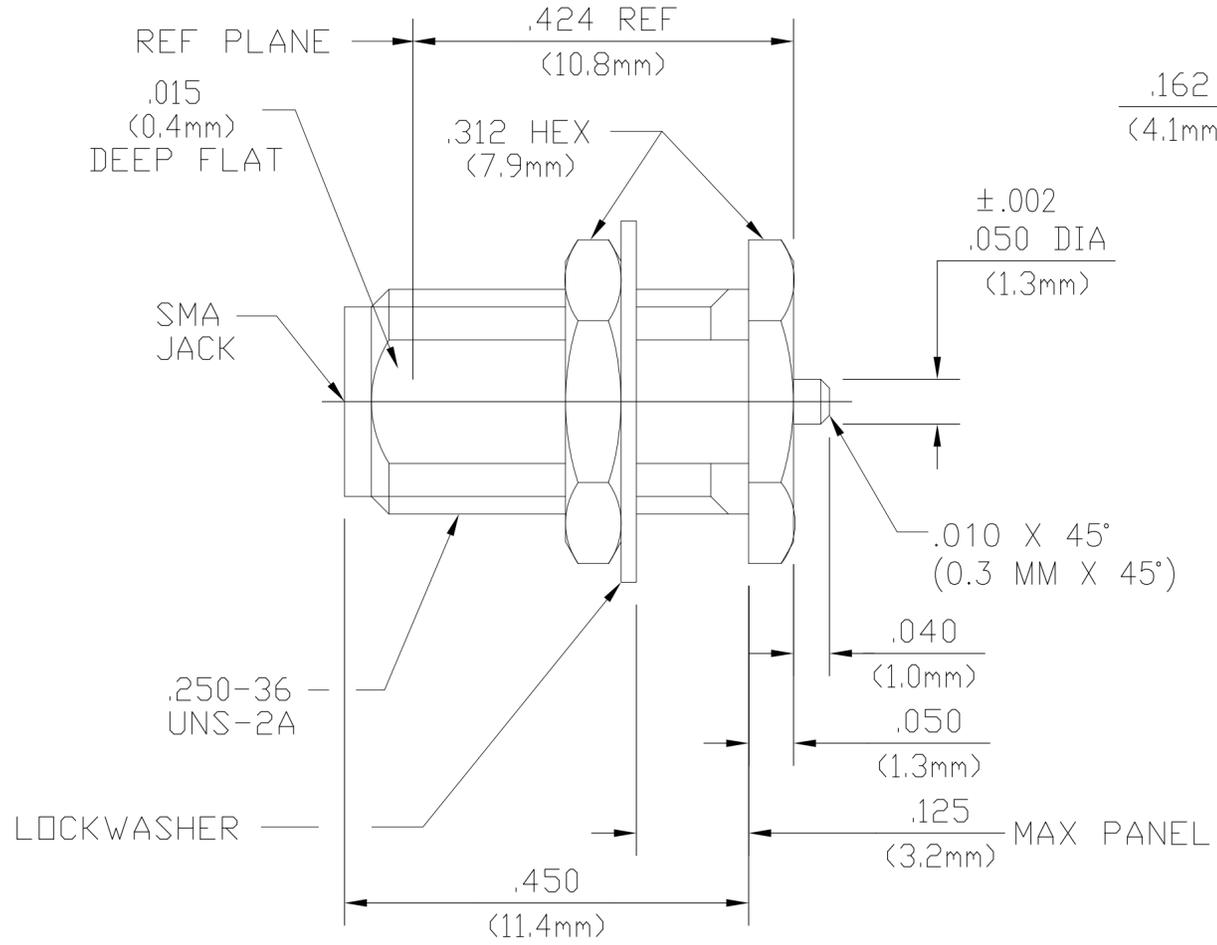


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| LOC | DIST | REVISIONS   |                       |           |       |
|-----|------|-------------|-----------------------|-----------|-------|
| P   | LTR  | DESCRIPTION | DATE                  | DWN       | APVD  |
| AJ  | 00   | B           | REV PER ECO 07-027471 | 1/25/2008 | DW JL |



**DESIGN CONTROL REQUIRED**

| ELECTRICAL   | MECHANICAL   | ENVIRONMENTAL   |
|--|--|---|
| Nominal Impedance (Ohms) <u>50</u>                                 | Interface Dimensions MIL-STD-348, Fig. 310.2           | TEMPERATURE RATING <u>-65°C TO +125°C</u>                       |
| Frequency Range (GHz) <u>DC to 18</u>                              | Recommended Mating Torque <u>N/A</u>                   | Vibration MIL-STD-202, Method 204, Condition D                  |
| Volt Rating (VRMS MAX) @ Sea Level <u>335</u>                      | Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u> | Shock MIL-STD-202, Method 213, Condition I                      |
| VSWR <u>1.07+.010f(GHz)</u>  | Withdrawal (MIN Oz) <u>1.0</u>                         | Thermal Shock MIL-STD-202, Method 107, Condition B              |
| Insertion Loss (dB MAX) <u>.04 √f(GHz)</u>                         | Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>  | Moisture Resistance MIL-STD-202, Method 106, Except Vibration   |
| RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>                            | Center Contact Captivation Axial (Lbs) <u>6.0</u>      | Shall Be Omitted. Insulation Resistance Shall Be 200 Megohms    |
| Corona, 70,000 Ft (VRMS MIN) <u>250</u>                            | Radial (In/Oz) <u>N/A</u>                              | Minimum Within 5 Minutes Of Removal From Humidity               |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u> | Cable Retention Axial Force (Lbs) <u>N/A</u>           | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>       | Torque (In/Oz) <u>N/A</u>                              |   |
| Outer Contact <u>2.0</u>   | Weight (Grams) <u>TBD</u>                              |   |
| Cable to Housing <u>N/A</u>  |  |   |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>        |  |   |
| I.R.(Megohms MIN) <u>5000</u>                                      |  |   |

| COMPONENT            | MATERIAL   | FINISH                     |
|----------------------|--|----------------------------|
| HOUSING MOUNTING NUT | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303              | GOLD PLATE PER MIL-G-45204 |
| DIELECTRIC           | TFE FLUOROCARBON PER ASTM-D-1457                                   | N/A                        |
| CENTER CONTACT       | BERYLLIUM COPPER PER ASTM-B196, ALLOY 173                          | GOLD PLATE PER MIL-G-45204 |
| LOCKWASHER           | PHOSPHOR BRONZE PER QQ-B-750, GRADE B2 OR TIN BRASS PER ASTM-B-591 | GOLD PLATE PER MIL-G-45204 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                  |           |              |
|------------------|-----------|--------------|
| DWN              | D.CAM     | 2/23/95      |
| CHK              | -         | -            |
| APVD             | D.CAM     | 2/23/95      |
| PRODUCT SPEC     | -         | -            |
| APPLICATION SPEC | -         | -            |
| WEIGHT           | -         | -            |
| CUSTOMER DRAWING | SCALE 1:1 | SHEET 1 OF 1 |

**Tyco Electronics** Tyco Electronics Corporation  
Harrisburg, PA 17105-3608

NAME: SMA BULKHEAD FEEDTHRU REAR MOUNT JACK RECEPTACLE CHAMFERED TERMINAL (1250-2226-94)

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1046297-1 RESTRICTED TO: -

1046297-1