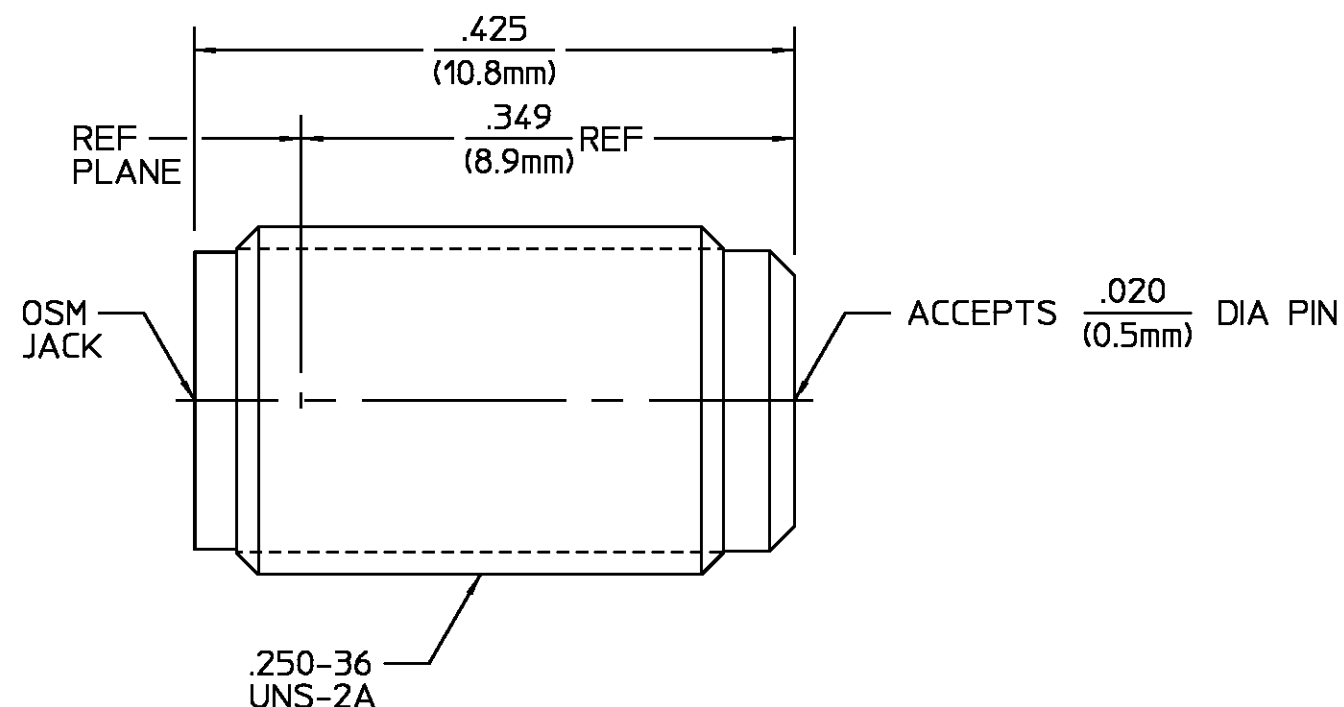



| REVISIONS | | | |
|-----------|---------------------------|---------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| A1 | REVISED PER ECO-11-005294 | 13APR11 | HMR |



| ELECTRICAL | MECHANICAL | ENVIRONMENTAL |
|--|---|---|
| Nominal Impedance (Ohms) <u>50</u> | Interface Dimensions <u>MIL-STD-348A</u> | Temperature Rating <u>-65°C To +165°C</u> |
| Frequency Range (GHz) <u>DC to 18</u> | <u>Fig. 310.2</u> | Vibration <u>MIL-STD-202, Method 204, Condition D, 20G'S</u> |
| Volt Rating (VRMS MAX) <u>N/A</u> | Recommended Mating Torque <u>N/A</u> | Shock <u>MIL-STD-202, Method 213, Condition I</u> |
| VSWR <u>1.06 + .01f(GHz)</u> | Mating Characteristics: | Thermal Shock <u>MIL-STD-202, Method 107, Condition B, Except High Temp 115°C</u> |
| Insertion Loss (dB MAX) <u>.04√f(GHz)</u> | Insertion (MAX Lbs) <u>3.0</u> | Moisture Resistance <u>MIL-STD-202, Method 106</u> |
| RF Leakage (dB MIN) <u>-(100 - f(GHz))</u> | Withdrawal (MIN Oz) <u>1.0</u> | Corrosion - <u>MIL-STD-202, Method 101, Condition B, 5% salt spray</u> |
| Corona, 70,000 Ft (VRMS MIN) <u>333</u> | Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u> | |
| Dielectric Withstanding Voltage (VRMS MIN) <u>1000 @ Sea Level</u> | Center Contact Captivation: | |
| Contact Resistance (Milliohms MAX): | Axial (Lbs) <u>6.0</u> | |
| Center Contact <u>10.0</u> | Radial (In/Oz) <u>N/A</u> | |
| Outer Contact <u>2.0</u> | Weight (Grams) <u>T.B.D.</u> | |
| RF High Potential (VRMS MIN @ 5 MHz) <u>667 @ Sea Level</u> | | |
| LR.(Megohms MIN) <u>5000</u> | | |

| COMPONENT | MATERIAL | FINISH |
|----------------|--|--|
| HOUSING | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PASSIVATE PER ASTM-A380 |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550 |

| | | |
|---|--|---|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | DRAWN BY <u>G.BEERS</u> DATE <u>10/28/80</u> |  TE Connectivity |
| TOLERANCE ON | CHECKED BY <u>K.DALY</u> DATE <u>10-30-80</u> | |
| FRAC. DEC. ANGLES | APPD BY <u>T.SCANELLI</u> DATE <u>10-31-80</u> | |
| ± 1/64 ±.005 ± ° | USE ASS'Y PROCEDURE | TITLE <u>OSM PANEL FEEDTHROUGH JACK RECEPTACLE</u> |
| These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission. | NO. AP. <u>N/A</u> | SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 1053261-1 REV <u>A1</u> |
| | | SCALE <u>8:1</u> SHEET 1 OF 1 |

CUSTOMER DRAWING