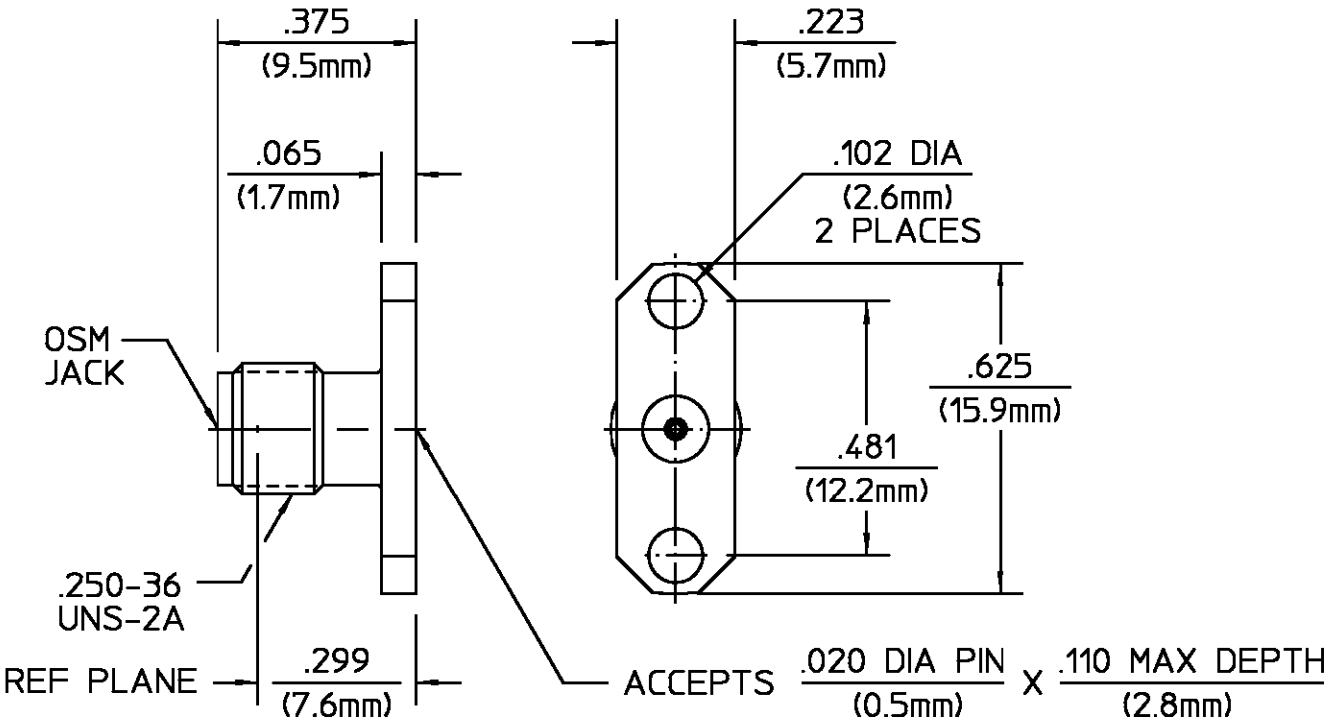


| REVISIONS |                           |         |          |
|-----------|---------------------------|---------|----------|
| REV       | DESCRIPTION               | DATE    | APPROVED |
| A1        | REVISED PER ECO-11-005294 | 13APR11 | HMR      |



| ELECTRICAL                                                         | MECHANICAL                                            | ENVIRONMENTAL                                                   |
|--------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Nominal Impedance (Ohms) <u>50</u>                                 | Interface Dimensions MIL-STD-348, Fig. <u>319.2</u>   | Temperature Rating <u>-65°C to 165°C</u>                        |
| Frequency Range (GHz) DC to <u>18</u>                              | Recommended Mating Torque <u>N/A</u>                  | Vibration MIL-STD-202, Method 204, Condition D, 20 G's          |
| VSWR <u>1.04±.006 f(GHz)</u>                                       | Mating Characteristics:                               | Shock MIL-STD-202, Method 213, Condition I                      |
| Insertion Loss (dB MAX) <u>.04 X √f(GHz)</u>                       | Insertion (MAX Lbs) <u>3.0</u>                        | Thermal Shock MIL-STD-202, Method 107, Condition B,             |
| RF Leakage (dB MIN) <u>-(100-fGHz)</u>                             | Withdrawal (MIN Oz) <u>1.0</u>                        | Moisture Resistance MIL-STD-202, Method 106                     |
| Corona, 70,000 Ft (VRMS MIN) <u>333</u>                            | Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u> | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u> | Center Contact Captivation                            |                                                                 |
| Contact Resistance (Milliohms MAX)                                 | Axial (Lbs) <u>6</u>                                  |                                                                 |
| Center Contact <u>10.0</u>                                         | Radial (In/Oz) <u>NONE</u>                            |                                                                 |
| Outer Contact <u>2.0</u>                                           |                                                       |                                                                 |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>667</u>        | Weight (Grams) <u>TBD</u>                             |                                                                 |
| IR.(Megohms MIN) <u>5000</u>                                       |                                                       |                                                                 |

|                                                                                                                  |                                                                                                                                      |                                                                                                       |
|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| HOUSING                                                                                                          | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303                                                                                | PASSIVATE PER ASTM-A380                                                                               |
| DIELECTRIC                                                                                                       | TFE FLUOROCARBON PER ASTM-D-1457, MIL-P-19468, AND FED. SPEC L-P-403                                                                 | N/A                                                                                                   |
| CENTER CONTACT                                                                                                   | BERYLLIUM COPPER PER ASTM-B196, ALLOY 173                                                                                            | GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550                                          |
| COMPONENT                                                                                                        | MATERIAL                                                                                                                             | FINISH                                                                                                |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCE ON<br>FRAC. DEC. ANGLES<br>± 1/64 ±.005 ± 1° | DRAWN BY<br><i>B.MEDWARDS</i> DATE<br><i>10/14/90</i><br>CHECKED BY<br><i>L.CROSS</i> 10/19/89<br>APPROVED BY<br><i>ADD</i> 10/19/89 |  TE Connectivity |
|                                                                                                                  | USE ASS'Y PROCEDURE                                                                                                                  | TITLE OSM 2 HOLE FLANGE MOUNT JACK RECEPTACLE - ACCEPTS .020 DIA PIN                                  |
|                                                                                                                  | NO. AP. <u>N/A</u>                                                                                                                   | SIZE B CODE IDENT NO. 26805 1052652-1 REV A1                                                          |
|                                                                                                                  |                                                                                                                                      | SCALE 3:1 SHEET 1 OF 1                                                                                |