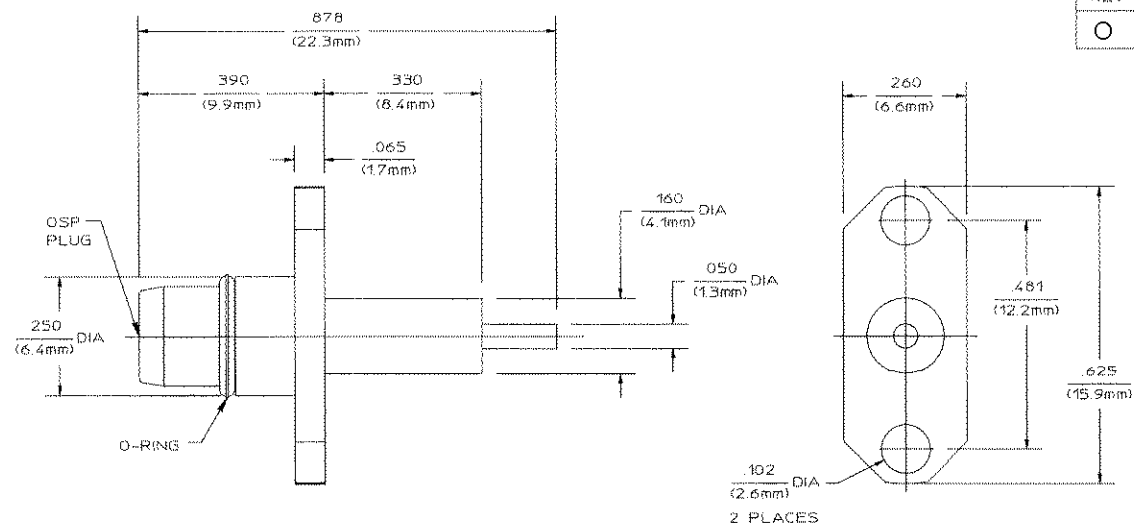


| REVISIONS |             |         |          |
|-----------|-------------|---------|----------|
| REV       | DESCRIPTION | DATE    | APPROVED |
| 0         | RELEASE     | 24SEP02 |          |



| ELECTRICAL                                                  | MECHANICAL                     | ENVIRONMENTAL                                      |
|-------------------------------------------------------------|--------------------------------|----------------------------------------------------|
| Nominal Impedance (Ohms) 50                                 | Interface Dimensions           | Temperature Rating -65° to +125°C                  |
| Frequency Range (GHz) DC to 18                              | Per OMNI-SPECTRA CATALOG       | Vibration MIL-STD-202, Method 204, Condition D     |
| Volt Rating (VRMS MAX)                                      | Force to Engage (In-Lbs MAX) 3 | Shock MIL-STD-202, Method 213, Condition I         |
| Sea Level                                                   | & Disengage (In-Lbs MAX) 1.5   | Thermal Shock MIL-STD-202, Method 107, Condition B |
| VSWR 1.05-0.05(GHz) DC to 18 GHz                            | Center Contact Captivation     | Moisture Resistance MIL-STD-202, Method 106        |
| Insertion Loss (dB MAX) .03x√(GHz)                          | Axial (Lbs) 6.0                | Corrosion - MIL-STD-202, Method 101, Condition B   |
| RF Leakage (dB MIN)                                         | Weight (Grams) 780             |                                                    |
| (Fully Mated)                                               |                                |                                                    |
| Corona, 70,000 Ft (VRMS MIN) 335                            |                                |                                                    |
| Dielectric Withstanding Voltage (VRMS MIN @ Sea Level) 1000 |                                |                                                    |
| Contact Resistance (Milliohms MAX)                          |                                |                                                    |
| Center Contact 2.0                                          |                                |                                                    |
| Outer Contact 2.0                                           |                                |                                                    |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000       |                                |                                                    |
| I.R.(Megohms MIN) 5000                                      |                                |                                                    |

|                                                                                                                                                                                                                                 |                                                             |                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 NICKEL PLATE PER QQ-N-290                                                                                      |
| "O" - RING                                                                                                                                                                                                                      | NITRILE (BUNA-N) PER MIL-P-25732                            | N/A                                                                                                                                            |
| COMPONENT                                                                                                                                                                                                                       | MATERIAL                                                    | FINISH                                                                                                                                         |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON<br>FRAC DEC ANGLES<br>1/64 .005 .1"                                                                                                                            | DRAWN BY<br>RB<br>CHECKED BY<br>DATE<br>24SEP02<br>APPROVED | <b>TYCO ELECTRONICS</b>                                                                                                                        |
| These drawings and specifications are the property of Tyco 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 items without written permission. | USE ASSY PROCEDURE<br>NO. AP N/A                            | TITLE<br>OSP 2 HOLE FLANGE MOUNT PLUG<br>RECEPTACLE STRAIGHT TERMINAL<br>SIZE B CODE IDENT NO. 00779 1484459-1 REV O<br>SCALE 4:1 SHEET 1 OF 1 |

CUSTOMER