



| REVISIONS | | | |
|-----------------|---------------------------|----------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| 01 ₉ | REVISED PER ECN 97-0358-2 | 10/24/97 | Tubag |

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL | COMPONENT | MATERIAL | FINISH |
|--|--|---|--|--|-----------------------------|
| Nominal Impedance (Ohms) <u>50</u> | Interface Dimensions MIL-STD-348A, Fig. <u>310-2</u> | Temperature Rating <u>-65°C To +125°C</u> | HOUSING | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | GOLD PLATE PER MIL-G-45204 |
| Frequency Range (GHz) DC to <u>18</u> | Recommended Mating Torque <u>7-10 in-Lbs</u> | Vibration MIL-STD-202, Method 204, Condition B | DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| 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 | CENTER CONTACT | BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 |
| VSWR <u>1.05 + .005f (GHz)</u> | Withdrawal (MIN Oz) <u>1.0</u> | Thermal Shock MIL-STD-202, Method 107, Condition B, | | | |
| Insertion Loss (dB MAX) <u>.03√f GHz</u> | Force to Engage and Disengage (In/Lbs MAX) <u>2</u> | Moisture Resistance MIL-STD-202, Method 106, Except Vibration | | | |
| RF Leakage (dB MIN) <u>-[60-f(GHz)]</u> | Center Contact Captivation Axial (Lbs) <u>6.0</u> | Shall Be Omitted | | | |
| Corona, 70,000 Ft (VRMS MIN) <u>250</u> | Radial (In/Oz) <u>4.0</u> | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray | | | |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u> | Weight (Grams) <u>2.9</u> | | | | |
| Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> | | | | | |
| Outer Contact <u>2.0</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>10,000</u> | | | | | |
| | | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON | DRAWN BY <u>BWC</u> DATE <u>6/6/67</u> | |
| | | | FRAC. DEC. ANGLES | CHECKED BY <u>PRB</u> DATE <u>6/6/68</u> | |
| | | | ± 1/64 ±.005 ± ° | APP'D BY <u>D. NANIA</u> DATE <u>6/6/68</u> | |
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| | | | USE ASS'Y PROCEDURE | TITLE <u>OSM FLANGE MOUNT JACK RECEPTACLE - STRAIGHT TERMINAL</u> | |
| | | | NO. AP. <u>N/A</u> | SIZE <u>B</u> | CODE IDENT NO. <u>26805</u> |
| | | | | <u>2052-1201-00</u> | REV <u>01₉</u> |
| | | | | SCALE <u>5:1</u> | SHEET 1 OF 1 |

.XXX = in
XX.X = mm

CUSTOMER DRAWING

AMP PART # 1052522-1
SHEET 1 OF 1 REV A