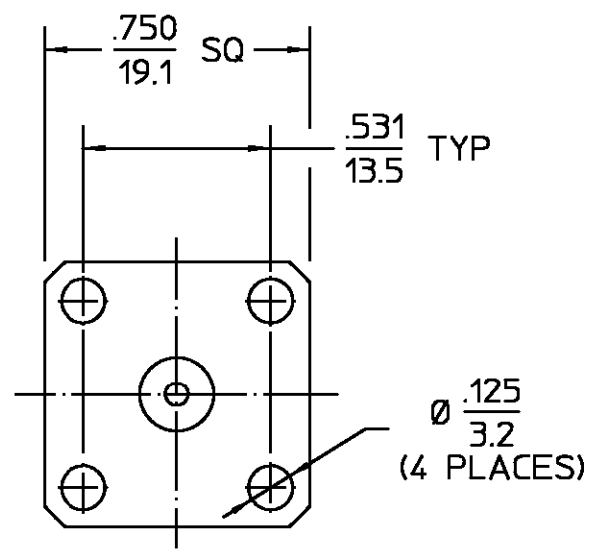


.XXX = in
XX.X = mm (REF)



| REVISIONS | | | |
|-----------------|-------------|---------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| 01 ₀ | RELEASED | 1/13/99 | S. Morby |

DESIGN CONTROL REQUIRED

| ELECTRICAL | MECHANICAL | ENVIRONMENTAL | HOUSING | DIELECTRIC | CENTER CONTACT | COMPONENT | MATERIAL | FINISH |
|--|---|--|---|--------------------------------------|---|--|-------------------------------|------------------------------|
| Nominal Impedance (Ohms) <u>50</u> | Interface Dimensions SCD# 1023376P Fig. 2 | Temperature Rating <u>-65°C TO 125°C</u> | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PTFE FLUOROCARBON PER ASTM-D-1457 | BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON | PASSIVATE PER QQ-P-35 | |
| Frequency Range (GHz) <u>DC to 18</u> | Recommended Mating Torque <u>N/A</u> | Vibration MIL-STD-202, Method 204, Condition B. | | | | FRAC. DEC. ANGLES ± 1/64 ±.005 ± ° | N/A | |
| Volt Rating (VRMS MAX) @ Sea Level <u>500</u> | Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u> | Shock MIL-STD-202, Method 213, Condition I. | | | | DRAWN BY <u>S. Morby</u> DATE <u>1/13/99</u> | GOLD PLATE PER MIL-G-45204 | |
| VSWR <u>1.09 ±.009f(GHz)</u> | Withdrawal (MIN Oz) <u>2.0</u> | Thermal Shock MIL-STD-202, Method 107, Condition B | | | | CHECKED BY <u>S. Morby</u> | | |
| Insertion Loss (dB MAX) <u>.06 @ 1.0-1.2 GHz</u> | Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u> | Moisture Resistance MIL-STD-202, Method 106. Insulation resistance shall be at least 200 Meg Ohms within 5 minutes of removal from humidity. | | | | APP'D BY <u>S. Morby</u> DATE <u>1/13/99</u> | | |
| RF Leakage (dB MIN) <u>-80 @ 1.0 GHz</u> | Center Contact Captivation Axial (Lbs) <u>6.0</u> | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray | | | | USE ASS'Y PROCEDURE | | |
| Corona, 70,000 Ft (VRMS MIN) <u>375</u> | Radial (In-Oz) <u>4.0</u> | | | | | | | |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,500</u> | Weight (Grams) <u>TBD</u> | | | | | | | |
| Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u> | | | | | | | | |
| Outer Contact <u>2.0</u> | | | | | | | | |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u> | | | | | | | | |
| LR.(Megohms MIN) <u>5,000</u> | | | | | | | | |
| | | | AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 | | TITLE TNC HIGH-FREQ 4 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL | | | |
| | | | NO. AP. <u>N/A</u> | | SIZE <u>B</u> | CODE IDENT NO. <u>26805</u> | <u>3752-5037-02</u> | REV <u>01₀</u> |
| | | | | | SCALE <u>5:1</u> | SHEET 1 OF 1 | | |