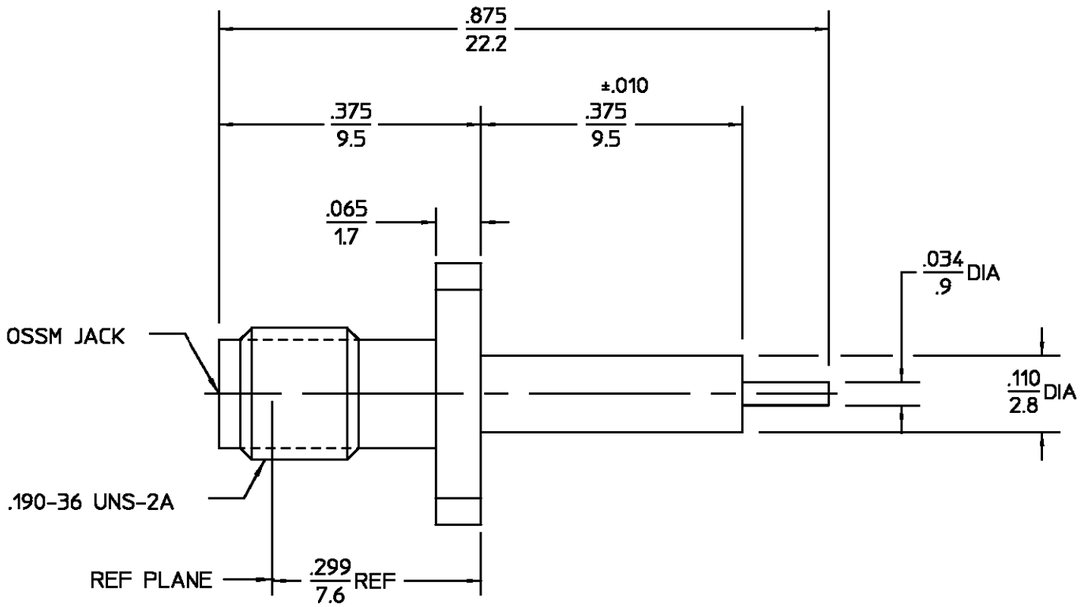
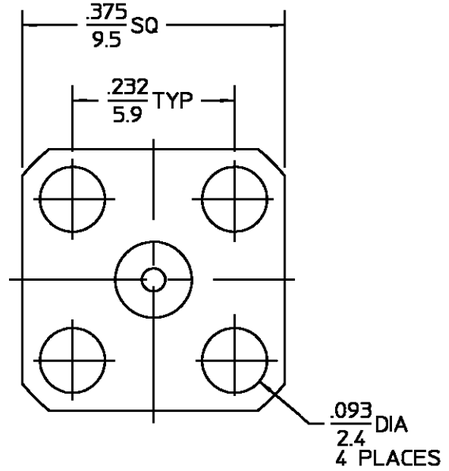
| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| $01_5$ | REVISED | 9/26/94 | M.Y. |




.XXX = in
XX.X = mm

| ELECTRICAL | | MECHANICAL | | ENVIRONMENTAL |
|---|---|---|---|---|
| Nominal Impedance (Ohms) | 50 | Interface Dimensions | | Temperature Rating |
| Frequency Range (GHz) | DC to 18 | MIL-STD-348A, Fig. 319.2 | | -65°C To +125°C |
| Voltage Rating (VRMS MIN) | | Mating Characteristics: | | Vibration MIL-STD-202, |
| 250 @ Sea Level | | Insertion (MAX Lbs) | 3.0 | Method 204, Cond. D |
| VSWR | 1.05 +.006 f(GHz) | Withdrawal (MIN Oz) | 1.0 | Shock MIL-STD-202, |
| Insertion Loss(dB MAX) | $.04\sqrt{f(GHz)}$ | Force to Engage and | | Method 213, Cond. I |
| RF Leakage (dB MIN) | | Disengage (In-Lbs MAX) | 2.0 | Thermal shock MIL-STD-202 |
| -60 @ 2 to 3 GHz | | Center Contact Captivation: | | Method 107, Cond. B, except |
| Corona, 70,000 Ft (VRMS MIN) | 190 | Axial (Lbs) | 6.0 | High Temp shall be 115°C |
| Dielectric Withstanding Voltage | | Radial (In-Oz) | 4.0 | Moisture Resistance |
| (VRMS MIN) @ Sea Level | 750 | | | MIL-STD-202, Method 106, |
| Contact Resistance (Milliohms MAX) | | | | except step 7b (vibration) |
| Center Contact | 2.0 | | | shall be omitted |
| Outer Contact | 2.0 | | | Corrosion MIL-STD-202, |
| RF High Potential @ Sea Level | | | | Method 101, Cond. B, |
| (VRMS MIN @ 5 MHz) | 500 | | | 5% salt spray |
| I.R. (Megohms Min) | 5,000 | | | |

| COMPONENT | MATERIAL | FINISH |
|---|---|---|
| HOUSING | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PASSIVATED PER QQ-P-35 |
| 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 |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCE ON
FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY DC DATE 6/2/70
CHECKED BY TAR 6/6/70
APP'D BY SDS 6/8/70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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE OSSM 4-HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL

| SIZE | CODE IDENT NO. | | REV |
|---|---|---|---|
| B | 26805 | 1052-1201-02 | $01_5$ |
| SCALE 5:1 | | | SHEET 1 OF 1 |

CUSTOMER DRAWING

AMP PART # 1045578-1
SHEET 1 OF 1 REV A