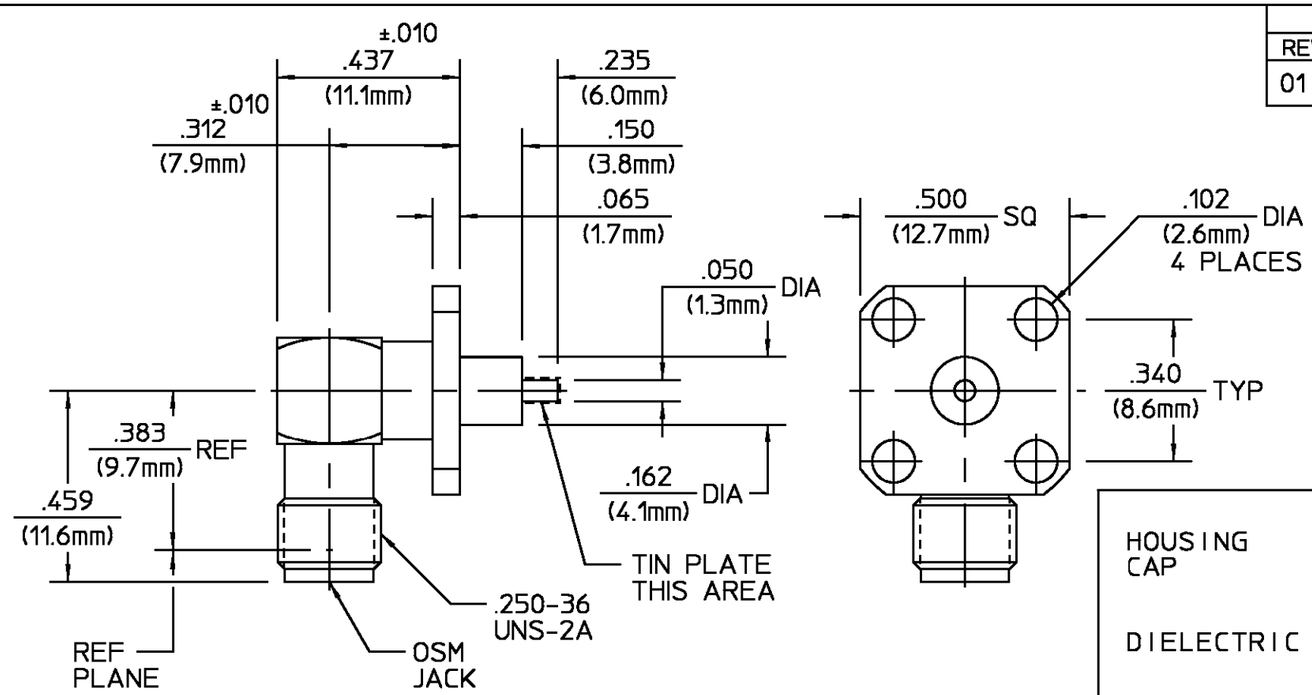
| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| $01_0$ | RELEASED | 8/23/90 | S.T.M. |




| COMPONENT | MATERIAL | FINISH |
|---|---|---|
| HOUSING CAP | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PASSIVATE PER ASTM-A380 |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 & MIL-P-19468 | N/A |
| CENTER CONTACT | BERYLLIUM COPPER PER ASTM-B196, ALLOY 173 | GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550 |
| CONTACT EXT | BERYLLIUM COPPER PER ASTM-B196, ALLOY 173 | GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550. TIN PLATE AREA SHOWN PER MIL-T-10727 |

| ELECTRICAL | |
|---|---|
| Nominal Impedance (Ohms) | 50 |
| Frequency Range (GHz) DC to | 18 |
| VSWR | 1.07 +.015f(GHz) |
| Insertion Loss (dB MAX) | $.08\sqrt{f(GHz)}$ |
| RF Leakage (dB MIN) | -[90-f(GHz)] |
| Corona, 70,000 Ft (VRMS MIN) | 250 |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level | 1000 |
| Contact Resistance (Milliohms MAX) | |
| Center Contact | 2.0 |
| Outer Contact | 2.0 |
| Cable to Housing | N/A |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) | 670 |
| I.R.(Megohms MIN) | 10,000 |

| MECHANICAL | |
|---|---|
| Interface Dimensions Hazeltine Corp. S.C.D. 352105, Fig. 2 | |
| Recommended Mating Torque | N/A |
| Mating Characteristics: | |
| Insertion (MAX Lbs) | 3.0 |
| Withdrawal (MIN Oz) | 1.0 |
| Force to Engage and Disengage (In/Lbs MAX) | 2.0 |
| Center Contact Captivation | |
| Axial (Lbs) | 6.0 |
| Radial (In/Oz) | 4.0 |
| Weight (Grams) | TBD |

ENVIRONMENTAL

Temperature Rating -55°C to 125°C

Vibration MIL-STD-202, Method 204, Condition D

Shock MIL-STD-202, Method 213, Condition I

Moisture Resistance MIL-STD-202, Method 106, Insulation Resistance Shall Be at Least 200 Megohms Within 5 Minutes of Removal From Humidity

Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

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

DRAWN BY B.M.EDWARDS DATE 8/20/90
CHECKED BY K.C.MAHER 8/23/90
APP'D BY S.T.M. 8/23/90

AMP

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Waltham, MA 02451-7599

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USE ASS'Y PROCEDURE

NO. A.P. N/A

TITLE OSM 4 HOLE FLANGE MOUNT RIGHT ANGLE JACK RECEPTACLE - STRAIGHT TERMINAL

| SIZE | CODE IDENT NO. | | REV |
|---|---|---|---|
| B | 26805 | 2054-5441-02 | $01_0$ |
| SCALE 3:1 | | | SHEET 1 OF 1 |

CUSTOMER DRAWING

AMP PART # 1058496-1
SHEET 1 OF 1 REV A