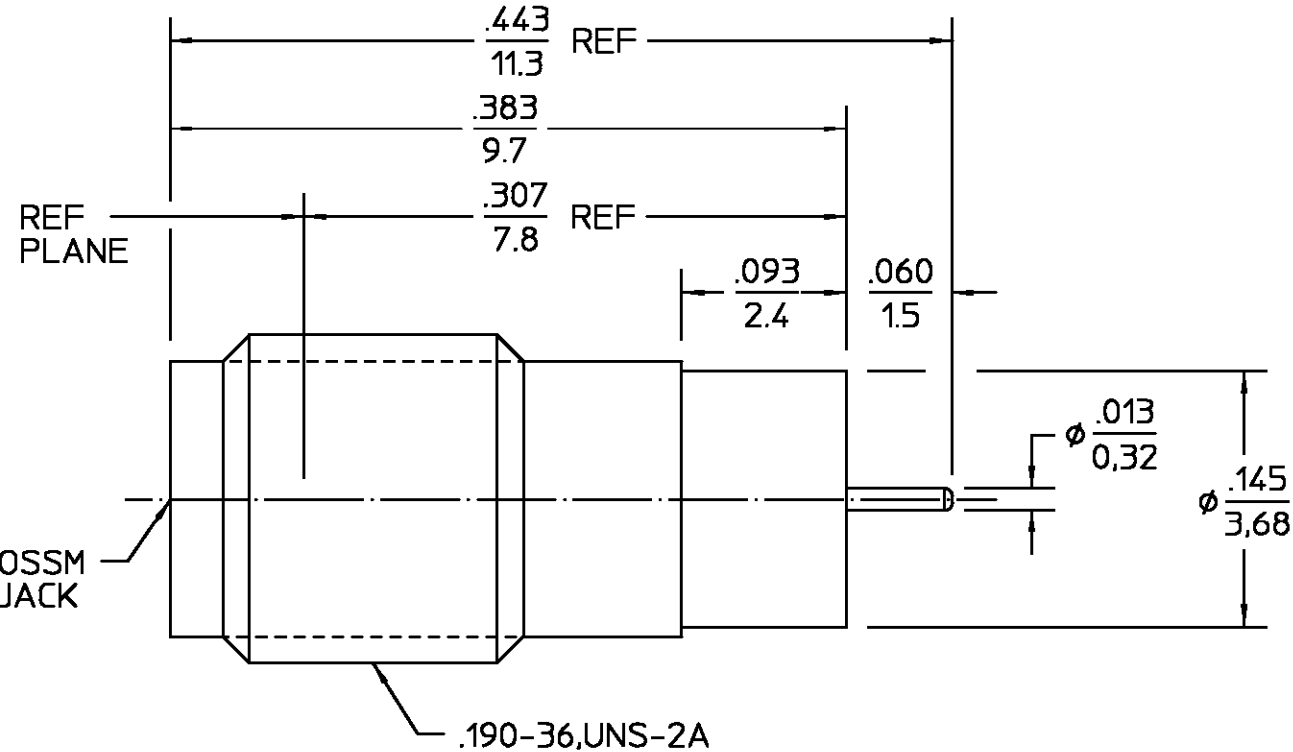
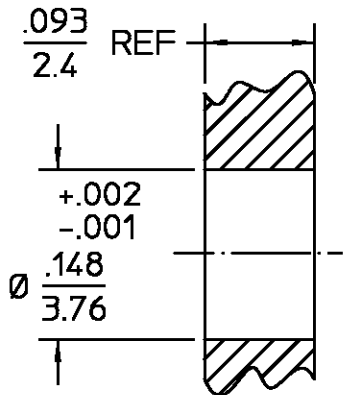




| REVISIONS       |                                                 |        |          |
|-----------------|-------------------------------------------------|--------|----------|
| REV             | DESCRIPTION                                     | DATE   | APPROVED |
| 02 <sub>2</sub> | REVISED MTG DETAIL & ELECT SPECS<br>ECN 99-0001 | 1/5/99 | S. Morby |

RECOMMENDED MOUNTING HOLE

DETAIL NOT TO SCALE



FOR SOLDER APPLICATIONS ONLY

| ELECTRICAL                                                 | MECHANICAL                                     | ENVIRONMENTAL                                                   |
|------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------|
| Nominal Impedance (Ohms) 50                                | Interface Dimensions MIL-STD-348, Fig. 319.2   | Temperature Rating -65° To 125°C                                |
| Frequency Range (GHz) DC to 26.5                           | Recommended Mating                             | Vibration MIL-STD-202, Method 204, Condition D                  |
| Volt Rating (VRMS MAX) @ Sea Level 250                     | Torque 3-5 In-Lbs                              | Shock MIL-STD-202, Method 213, Condition I                      |
| VSWR 1.05 + .014f(GHz)                                     | Mating Characteristics:                        | Thermal Shock MIL-STD-202, Method 107, Condition B,             |
| Insertion Loss (dB MAX) .05 $\sqrt{f(\text{GHz})}$         | Insertion (MAX Lbs) 3.0                        | Moisture Resistance MIL-STD-202, Method 106, Except Vibration   |
| RF Leakage (dB MIN) -[100-f(GHz)]                          | Withdrawal (MIN Oz) 1.0                        | Shall Be Omitted                                                |
| Corona, 70,000 Ft (VRMS MIN) 190                           | Force to Engage and Disengage (In/Lbs MAX) 2.0 | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750 | Center Contact Captivation                     |                                                                 |
| Contact Resistance (Milliohms MAX)                         | Axial (Lbs) 4.0                                |                                                                 |
| Center Contact 12.0                                        | Radial (In/Oz) N/A                             |                                                                 |
| Outer Contact 2.0                                          | Cable Retention                                |                                                                 |
| Cable to Housing N/A                                       | Axial Force (Lbs) N/A                          |                                                                 |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500       | Torque (In/Oz) N/A                             |                                                                 |
| IR.(Megohms MIN) 5,000                                     | Weight (Grams) TBD                             |                                                                 |

|                                                                                                                                                                                                                                                |                                                                                                 |                                                                                                                                                                             |              |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| HOUSING                                                                                                                                                                                                                                        | STAINLESS STEEL PER<br>ASTM-A484 AND ASTM-<br>A582, TYPE 303                                    | GOLD PLATE PER<br>MIL-G-45204                                                                                                                                               |              |                        |
| DIELECTRIC                                                                                                                                                                                                                                     | PTFE FLUOROCARBON<br>PER ASTM-D-1457                                                            | N/A                                                                                                                                                                         |              |                        |
| CENTER CONTACT                                                                                                                                                                                                                                 | BERYLLIUM COPPER PER<br>ASTM-B-196 OR ASTM-B-197,<br>ALLOY C17300, CONDITION H                  | GOLD PLATE PER<br>MIL-G-45204                                                                                                                                               |              |                        |
| CONTACT EXT                                                                                                                                                                                                                                    | IRON-NICKEL-COBALT<br>ALLOY PER MIL-I-23011<br>CLASS 1 (KOVAR)                                  | GOLD PLATE PER<br>MIL-G-45204                                                                                                                                               |              |                        |
| HERMETIC SEAL                                                                                                                                                                                                                                  | GLASS BEAD                                                                                      | N/A                                                                                                                                                                         |              |                        |
| COMPONENT                                                                                                                                                                                                                                      | MATERIAL                                                                                        | FINISH                                                                                                                                                                      |              |                        |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br><br>TOLERANCE ON<br><br>FRAC. DEC. ANGLES<br>± 1/64 ±.005 ± 1°                                                                                                                       | DRAWN BY<br>N. K.<br>3/7/85<br>CHECKED BY<br>K. M.<br>3/13/85<br>APPD BY<br>P. N. G.<br>5/29/85 | <div></div> <i>AMP Incorporated</i><br><br>140 Fourth Avenue<br>Waltham, MA 02451-7599 |              |                        |
| These drawings and specifications are the property of<br>M/A-COM Incorporated and shall<br>not be reproduced or copied or<br>used in whole or in part as the<br>basis for the manufacture or<br>sale of item(s) without written<br>permission. | USE ASS'Y PROCEDURE<br><br><br>NO. AP. <u>N/A</u>                                               | TITLE OSSM HERMETICALLY SEALED<br>PANEL FEEDTHROUGH JACK<br>RECEPTACLE STRAIGHT TERM.                                                                                       |              |                        |
|                                                                                                                                                                                                                                                | SIZE<br>B                                                                                       | CODE IDENT NO.<br>26805                                                                                                                                                     | 1058-3203-00 | REV<br>02 <sub>2</sub> |
|                                                                                                                                                                                                                                                | SCALE<br>10:1                                                                                   | SHEET 1 OF 1                                                                                                                                                                |              |                        |

CUSTOMER DRAWING

AMP PART # 1045647-1  
SHEET 1 OF 1 REV A