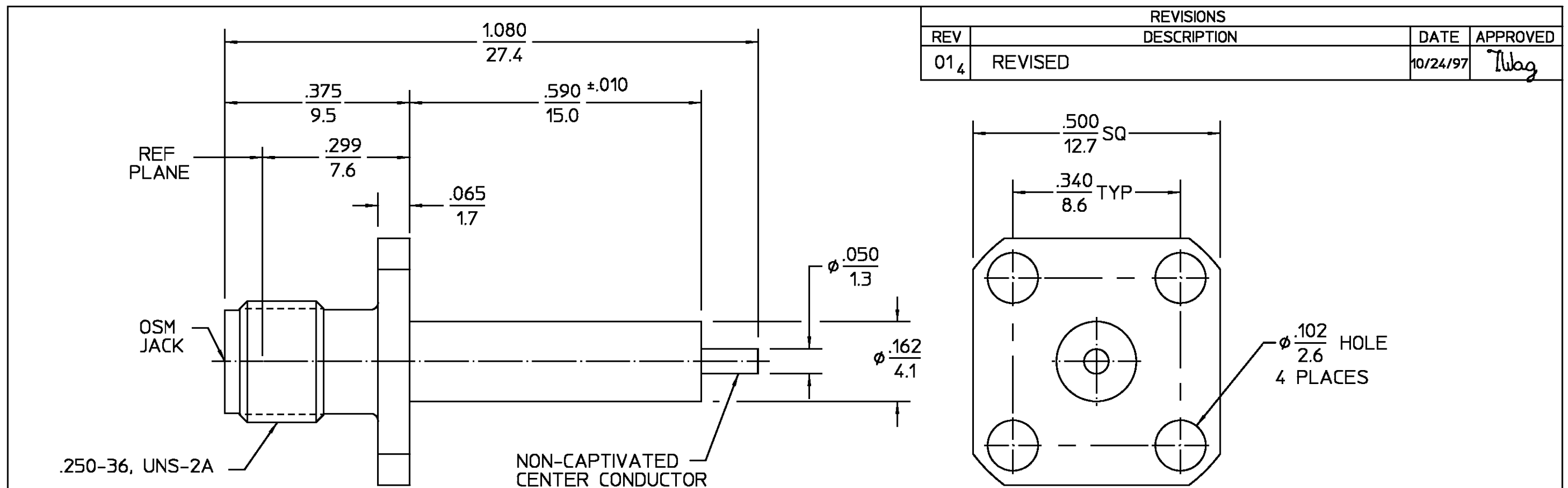




| ELECTRICAL                                                   | MECHANICAL                                     | ENVIRONMENTAL                                                   |                                                                                                                                                                                                                                       |                                                            |                                                                 |                      |
|--------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------|----------------------|
| Nominal Impedance (Ohms) 50                                  | Interface Dimensions MIL-STD-348, Fig. 310-2   | Temperature Rating -65°C To 165°C                               | HOUSING                                                                                                                                                                                                                               | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303      | PASSIVATE PER QQ-p-35                                           |                      |
| Frequency Range (GHz) DC to 18                               | Recommended Mating Torque 7-10 In-Lbs          | Vibration MIL-STD-202, Method 204, Condition D.                 | DIELECTRIC                                                                                                                                                                                                                            | PTFE FLUOROCARBON PER ASTM-D-1457                          | N/A                                                             |                      |
| Volt Rating (VRMS MAX) @ Sea Level 335                       | Mating Characteristics:                        | Shock MIL-STD-202, Method 213, Condition I.                     | CENTER CONTACT                                                                                                                                                                                                                        | BERYLLIUM COPPER PER ASTM-B 196, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204                                      |                      |
| VSWR 1.03 + .004f (GHz)                                      | Insertion (MAX Lbs) 2.0                        | Thermal Shock MIL-STD-202, Method 107, Condition B              | COMPONENT                                                                                                                                                                                                                             | MATERIAL                                                   | FINISH                                                          |                      |
| Insertion Loss (dB MAX) .03√f(GHz)                           | Withdrawal (MIN Oz) 1.0                        | Moisture Resistance MIL-STD-202, Method 106, Except Vibration   | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON                                                                                                                                                                      | DRAWN BY EJC DATE 6/7/67                                   | AMP Incorporated<br>140 Fourth Avenue<br>Waltham, MA 02451-7599 |                      |
| RF Leakage (dB MIN) -[100-f(GHz)]                            | Force to Engage and Disengage (In/Lbs MAX) 2.0 | Shall Be Omitted                                                | FRAC. DEC. ANGLES                                                                                                                                                                                                                     | CHECKED BY PRB 6/8/68                                      |                                                                 |                      |
| Corona, 70,000 Ft (VRMS MIN) 250                             | Center Contact Captivation                     | Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray | * 1/64 ±.005 * 1°                                                                                                                                                                                                                     | APPD BY 7/3/68                                             |                                                                 |                      |
| Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,000 | Axial (Lbs) N/A                                |                                                                 | These drawings and specifications are the property of M/A-COM Interconnect Division and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission. |                                                            | TITLE OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL |                      |
| Contact Resistance (Milliohms MAX)                           | Radial (In/Oz) N/A                             |                                                                 |                                                                                                                                                                                                                                       |                                                            |                                                                 |                      |
| Center Contact 2.0                                           | Weight (Grams) TBD                             |                                                                 | USE ASS'Y PROCEDURE                                                                                                                                                                                                                   | NO. AP. N/A                                                | SIZE B                                                          | CODE IDENT NO. 26805 |
| Outer Contact 2.0                                            |                                                |                                                                 |                                                                                                                                                                                                                                       |                                                            | SCALE 5:1                                                       | 2052-1200-02         |
| Cable to Housing N/A                                         |                                                |                                                                 |                                                                                                                                                                                                                                       |                                                            |                                                                 | REV 01 <sub>4</sub>  |
| RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670         |                                                |                                                                 |                                                                                                                                                                                                                                       |                                                            |                                                                 | SHEET 1 OF 1         |
| I.R.(Megohms MIN) 10,000                                     |                                                |                                                                 |                                                                                                                                                                                                                                       |                                                            |                                                                 |                      |

CUSTOMER DRAWING

AMP PART # 1052518-1  
SHEET 1 OF 1 REV A