



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
012	REDRAWN IN CAD ECN 96-0048	8/13/96	<i>[Signature]</i>

ELECTRICAL
Nominal Impedance (Ohms) <u>50</u>
Frequency Range (GHz) DC to <u>18.0</u>
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>
VSWR <u>1.05 + .005 f(GHz)</u>
Insertion Loss (dB MAX) <u>.07 √f(GHz)</u>
RF Leakage (dB MIN) <u>-(60-f(GHz))</u>
Corona, 70,000 Ft (VRMS MIN) <u>250</u>
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>N/A</u>
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>
IR.(Megohms MIN) <u>5,000</u>

MECHANICAL
Interface Dimensions MIL-STD-348, Fig. <u>310.2</u>
Recommended Mating Torque <u>7-10 IN LBS</u>
Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u> Withdrawal (MIN Oz) <u>1.0</u>
Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>
Center Contact Captivation Axial (Lbs) <u>6.0</u> Radial (In/Oz) <u>4.0</u>
Cable Retention Axial Force (Lbs) <u>N/A</u> Torque (In/Oz) <u>N/A</u>
Weight (Grams) <u>2.2</u>

ENVIRONMENTAL
Temperature Rating <u>-65°C TO 105°C</u>
Vibration MIL-STD-202, Method 204, Condition D
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition A
Moisture Resistance MIL-STD-202, Method 106
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH									
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204									
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457 AND MIL-P-19468	N/A									
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204									
<table border="1"> <tr> <td rowspan="3">UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °</td> <td>DRAWN BY J.P.D.</td> <td>DATE 10/19/72</td> <td rowspan="3"> </td> <td rowspan="3"> AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 </td> </tr> <tr> <td>CHECKED BY R.M.F.</td> <td>10/19/72</td> </tr> <tr> <td>APP'D BY B.K.W.</td> <td>10/19/72</td> </tr> </table>			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY J.P.D.	DATE 10/19/72		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	CHECKED BY R.M.F.	10/19/72	APP'D BY B.K.W.	10/19/72
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TITLE OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE TAB TERMINAL											
USE ASS'Y PROCEDURE											
NO. AP. <u>N/A</u>											
SIZE B	CODE IDENT NO. 26805	2052-5636-00	REV 012								
SCALE 5:1			SHEET 1 OF 1								