



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REV/REDRAWN/ECN 17976	11/30/87	RW
B	REV/ECN 19297	11/17/89	BSH
03 <sub>0</sub>	ECN 92-0010	08/13/92	<i>AD</i> <i>DePinto</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) <u>50</u> Frequency Range (GHz) DC to <u>4</u> Volt Rating (VRMS MAX) @ Sea Level <u>335</u> VSWR <u>1.10 ±.016 f(GHz)</u> Insertion Loss (dB MAX) <u>0.30</u> RF Leakage (dB MIN) <u>-55 @ 2-3 GHz</u> Corona, 70,000 Ft (VRMS MIN) <u>250</u> Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u> Contact Resistance (Milliohms MAX) Center Contact <u>6.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>N/A</u> RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>700</u> I.R.(Megohms MIN) <u>1,000</u>	Interface Dimensions MIL-STD-348A, OSM Fig. 310.2 OSMB Fig. 311.2 Recommended Mating Torque <u>N/A</u> Mating Characteristics: Insertion (MAX lbs) OSM <u>3.0</u> OSMB <u>2.5</u> Withdrawal (MIN Oz) OSM <u>1.0</u> OSMB <u>1.0</u> Force to Engage and Disengage (in-lbs MAX) OSM <u>2.0</u> (lbs MAX) OSMB <u>14.0</u> Center Contact Captivation Axial (Lbs) <u>6.0</u> Radial (In-Oz) <u>N/A</u> Cable Retention Axial Force (Lbs) <u>N/A</u> Torque (In-Oz) <u>N/A</u> Weight (Grams) <u>TBD</u>	Temperature Rating <u>-65°C to +125°C</u> Vibration MIL-STD-202, Method 204, Condition B Shock MIL-STD-202, Method 213, Condition B Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 85°C Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	HOUSING SLEEVE  DIELECTRIC  CENTER CONTACT  RETAINING RING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303  PTFE FLUOROCARBON PER ASTM-D-1457  BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H  BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	PASSIVATE PER QQ-P-35  N/A  GOLD PLATE PER MIL-G-45204  GOLD PLATE PER MIL-G-45204
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY BSH DATE 11/19/87 CHECKED BY JW DATE 11/24/87 APP'D BY RW/BC DATE 12/2/87	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
			USE ASS'Y PROCEDURE  NO. AP. <u>N/A</u>	TITLE SMB PLUG TO OSM JACK ADAPTER	
			SCALE 5 : 1	SIZE B CODE IDENT NO. 26805	5182-2240-00 REV 03 <sub>0</sub>
			SHEET 1 OF 1		

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