



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REV/REDRAWN/ECN 17976	11/30/87	RW
B	REV/ECN 19297	11/17/89	BSH
03 ₀	ECN 92-0010	08/13/92	<i>JAD</i> <i>D. Camello</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</u> +.016 f(GHz) Insertion Loss (dB MAX) <u>0.30</u> RF Leakage (dB MIN) <u>-55</u> @ 2-3 GHz Corona, 70,000 Fr (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, <u>OSM Fig. 310.2</u> <u>OSMB Fig. 311.2</u> Recommended Mating Torque <u>N/A</u> Mating Characteristics: Insertion (MAX lbs) <u>OSM 3.0</u> <u>OSMB 2.5</u> Withdrawal (MIN Oz) <u>OSM 1.0</u> <u>OSMB 1.0</u> Force to Engage and Disengage (in-lbs MAX) <u>OSM 2.0</u> (lbs MAX) <u>OSMB 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	DRAWN BY <u>BSH</u> DATE <u>11/19/87</u> CHECKED BY <u>JW</u> DATE <u>11/24/87</u> APP'D BY <u>RW/BC</u> DATE <u>12/2/87</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
			TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	TITLE SMB PLUG TO OSM JACK ADAPTER	REV <u>03₀</u>
			THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF AMP INCORPORATED AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.	USE ASSY PROCEDURE NO. AP. <u>N/A</u>	SCALE 5 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1060498-1
SHEET 1 OF 1 REV A