



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 <sub>2</sub>	ECN 92-0010	1/12/93	AD

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u> Frequency Range (GHz) DC to <u>25</u> Volt Rating (VRMS MAX) Sea Level <u>250</u> VSWR DC - 12.4 (GHz)-1.06 +.009 (fGHz) 12.4 - 25.0 (GHz)-1.05 +.01 (fGHz) Insertion Loss (dB MAX) <u>.06</u> √(fGHz) RF Leakage (dB MIN) <u>-(60-(fGHz))</u> Corona, 70,000 Ft (VRMS MIN) <u>190</u> Dielectric Withstanding Voltage (VRMS MIN) Sea Level <u>750</u> Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u> Outer Contact <u>2.0</u> Cable to Housing <u>N/A</u> RF High Potential Sea Level (VRMS MIN @ 5 MHz) <u>500</u> I.R.(Megohms MIN) <u>5,000</u>	Interface Dimensions MIL-STD-348A, OSM Fig. <u>310.2</u> OSSM Fig. <u>319.1</u> Recommended Mating Torque PLUG END <u>5 ±5</u> in-lbs Mating Characteristics OSM END: 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>2.9</u>	Temperature Rating <u>-65°C to +125°C</u> Vibration MIL-STD-202, Method 204, Condition D. Shock MIL-STD-202, Method 2B, Condition I. Thermal Shock MIL-STD-202, Method 107, Condition B, except high temp shall be +85°C Moisture Resistance MIL-STD-202, Method 106 Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY <u>E. J. C</u> DATE <u>7/12/68</u> CHECKED BY <u>PRB</u> TOLERANCE ON <u>7/16/68</u> FRACTIONAL DECIMALS ANGLES APPROX BY <u>7/17/68</u> ± 1/64 ± .005 ± °	<b>AMP</b> Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF AMP SPECTRA INCORPORATED AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART OR IN THE MAKE OF ITEMS WITHOUT WRITTEN PERMISSION.	USE ASSY PROCEDURE  NO. AP. <u>N/A</u>	TITLE <b>OSM JACK TO OSM PLUG ADAPTER</b> SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 2082-2201-00 REV <u>02<sub>2</sub></u> SCALE <u>8 : 1</u> SHEET <u>1</u> OF <u>1</u>

CUSTOMER DRAWING AMP PART # 1053770-1 SHEET 1 OF 1 REV A