



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	12/11/95	<i>DCamello</i>

**COPY IN PUERTO RICO
DESIGN CONTROL REQUIRED**

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1 (OSM) & 304.2 (N)	Temperature Rating <u>-65°C to +125°C</u>	HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
Frequency Range (GHz) DC to <u>15</u>	Recommended Mating Torque: <u>OSM: 7-10 in-lbs</u>	Vibration MIL-STD-202, Method 204, Condition B	DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
Volt Rating (VRMS MAX) <u>⊖ Sea Level 335</u>	<u>Type N: 12-15 in-lbs</u>	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 <u>DC - 12.4GHz: 1.05+.005f(GHz) MAX</u> <u>12.4 - 15.0GHz: .83+.023f(GHz) MAX</u>	Mating Characteristics: <u>OSM-Insertion (MAX lbs) N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition C, except high temp shall be +115°C	RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
Insertion Loss (dB MAX) <u>.18 ⊖ 9GHz</u>	<u>Type N-Insertion (MAX lbs) 2.0</u>	Moisture Resistance MIL-STD-202, Method 106	GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
RF Leakage (dB MIN) <u>-65 ⊖ 2-3 GHz</u>	<u>OSM-Withdrawal (MIN oz) N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray			
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	<u>Type N-Withdrawal (MIN oz) 2.0</u>				
Dielectric Withstanding Voltage (VRMS MIN) <u>⊖ Sea Level 1,000</u>	Force to Engage and Disengage <u>OSM (in-lbs MAX) 2.0</u>				
Contact Resistance (Milliohms MAX) <u>Center Contact 4.1</u>	<u>Type N (in-lbs MAX) 6.0</u>				
<u>Outer Contact 2.2</u>	Center Contact Captivation <u>Axial (lbs) 6.0</u>				
<u>Cable to Housing N/A</u>	<u>Radial (in-oz) N/A</u>				
RF High Potential <u>⊖ Sea Level</u> (VRMS MIN <u>⊖ 5 MHz) 1,000</u>	Cable Retention <u>Axial Force (lbs) N/A</u>				
IR.(Megohms MIN) <u>5,000</u>	<u>Torque (in-oz) N/A</u>				
	<u>Weight (Grams) TBD</u>				
		<u>.XXX = in</u> <u>XX.X = mm</u>			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <u>JANZAR</u> DATE <u>12/8/95</u> CHECKED BY APP'D BY <u>DCamello</u> DATE <u>12/11/95</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
			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.	USE ASS'Y PROCEDURE NO. AP. <u>N/A</u>	TITLE <u>OSM PLUG TO OSN JACK ADAPTER</u>
				SIZE <u>B</u> CODE IDENT NO. <u>26805</u> 1250-2273-00 REV <u>010</u>	
				SCALE <u>4:1</u> N/A SHEET 1 OF 1	