



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	12/11/95	<i>Comello</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: OSM: 7-10 in-lbs	Vibration MIL-STD-202, Method 204, Condition B	DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics: OSM-Insertion (MAX lbs) N/A	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 DC - 12.4GHz: <u>1.05+0.005(GHz) MAX</u>	Type N-Insertion (MAX lbs) 2.0	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
12.4 - 15.0GHz: <u>.83+0.023f(GHz) MAX</u>	OSM-Withdrawal (MIN oz) N/A	Moisture Resistance MIL-STD-202, Method 106	GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
Insertion Loss (dB MAX) <u>.18 @ 9GHz</u>	Type N-Withdrawal (MIN oz) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray			
RF Leakage (dB MIN) <u>-65 @ 2-3 GHz</u>	Force to Engage and Disengage OSM (in-lbs MAX) 2.0				
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Type N (in-lbs MAX) 6.0				
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Center Contact Captivation Axial (lbs) 6.0				
Contact Resistance (Milliohms MAX) Center Contact <u>4.1</u>	Radial (in-oz) N/A				
Outer Contact <u>2.2</u>	Cable Retention Axial Force (lbs) N/A				
Cable to Housing N/A	Torque (in-oz) N/A				
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>	Weight (Grams) TBD				
IR.(Megohms MIN) <u>5,000</u>					
		.XXX = in XX.X = mm			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <i>JANUAR</i> DATE <u>12/8/95</u> CHECKED BY APPROVED BY <i>Comello</i> <u>12/11/95</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
USE ASSY PROCEDURE	TITLE <b>OSM PLUG TO OSN JACK ADAPTER</b>	
NO. AP. <u>N/A</u>	SIZE <u>B</u> CODE IDENT NO. <u>26805</u>	REV <u>010</u>
	SCALE <u>4:1</u>	SHEET <u>1</u> OF <u>1</u>

CUSTOMER DRAWING AMP PART # 1046302-1  
SHEET 1 OF 1 REV A