



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 1	RELEASED	01/26/95	<i>Comello</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions See OMNI - SPECTRA CATALOG	Temperature Rating -65° to +125°C
Frequency Range (GHz) DC to 18	Mating Characteristics (OSP & OSM):	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 500	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05 + .005 f(GHz)	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .04 √f(GHz)	Force to Engage:	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	OSP (Lbs MAX) 3	Corrosion - MIL-STD-202, Method 101, Condition B, 5% Salt Spray
Corona, 70,000 Ft (VRMS MIN) 375	OSM (In-Lbs MAX) 2	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1500	Force to Disengage:	
Contact Resistance (Milliohms MAX)	OSP (Lbs MAX) 1.5	
Center Contact 2.0	OSM (In-Lbs MAX) 2	
Outer Contact 2.0	Center Contact Captivation	
Cable to Housing N/A	Axial (Lbs) 6	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000	Cable Retention	
I.R.(Megohms MIN) 5000	Axial Force (Lbs MIN) N/A	
	Torque (In-Oz MIN) N/A	
	Weight (Grams) TBD	

HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
SPRING	STAINLESS STEEL	PASSIVATED
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
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT RING	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-C-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-C-45204
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <i>JDavis</i> DATE 07/18/94	AMP Incorporated
FRAC. DEC. ANGLES	CHECKED BY	140 Fourth Avenue
± 1/64 ±.005 ± 1°	APPROD BY	Waltham, MA 02451-7599
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	NO. AP. N/A	OSP FLOATING FLANGE MOUNT JACK TO OSM JACK ADAPTER
	SIZE B	CODE IDENT NO. 26805
	SCALE 2:1	4584-5017-02
		REV 02 1
		SHEET 1 OF 1

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