



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>0</sub>	RELEASED	6/5/95	<i>D. Comello</i>

**DESIGN CONTROL REQUIRED**

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50±1</u>	Interface Dimensions Per <u>MIL-STD-348A, fig. 321-2</u>	Temperature Rating <u>-65°C TO +125°C</u>
Frequency Range (GHz) <u>DC TO 18</u>	Recommended Mating Torque <u>N/A</u>	Vibration <u>MIL-STD-202, METHOD 204, CONDITION D</u>
Volt Rating (VRMS MAX) (at sea level) <u>500</u>	Mating Characteristics:	Shock <u>MIL-STD-202, METHOD 213, CONDITION I</u>
VSWR <u>1.05+ .005f(GHz) DC TO 18GHz</u>	Insertion (MAX Lbs) <u>3</u>	Thermal shock <u>MIL-STD-202, METHOD 107, CONDITION B</u>
Insertion Loss (dB MAX) <u>.03x√f(GHz)</u>	Withdrawal (MIN Oz) <u>1</u>	Moisture Resistance <u>MIL-STD-202, METHOD 106</u>
RF Leakage (dB) (Interface only fully mated) <u>-(90 -f(GHz))</u>	Force to Engage (In/Lbs MAX) <u>3</u>	Corrosion <u>MIL-STD-202, METHOD 101, CONDITION B</u>
Corona, 70 Ft (VRMS MIN) <u>335</u>	Force to Disengage (In/Lbs MAX) <u>1.5</u>	
Dielectric Withstanding Voltage (VRMS MIN) <u>1000</u>	Center Contact Captivation:	
Contact Resistance (Milliohms MAX)	Axial <u>6 LBS MIN</u>	
Center Contact <u>2.0</u>	Radial <u>NONE</u>	
Outer Contact <u>2.0</u>	Cable Retention <u>N/A</u>	
RF High Potential (VRMS MIN @ 5 MHz) <u>1000</u>	Weight (Grams) <u>3.3</u>	
I.R. (Megohms) <u>5000</u>		

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468, FED SPEC L-P-403 AND ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204
CONTACT RING	BERYLLIUM COPPER PER ASTM-B194	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	± .005	± 1°

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DRAWN BY <i>D. Comello</i>	DATE <u>6/5/95</u>		AMP Incorporated	
CHECKED BY <i>D. Comello</i>			140 Fourth Avenue	
APPD BY <i>D. Comello</i>	<u>6/5/95</u>		Waltham, MA 02451-7599	
USE ASSY PROCEDURE	TITLE	OSP 2 HOLE FLANGE MOUNT JACK RECEPTACLE STRAIGHT TERMINAL		
NO. AP. <u>N/A</u>	SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	<u>1250-2450-00</u>	REV <u>01<sub>0</sub></u>
	SCALE <u>2:1</u>	SHEET 1 OF 1		