



DESIGNED FOR USE WITH	.085 S/R CABLE
CABLE ENTRY DIAMETER	MINIMUM
INNER HOUSING	.089
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
030	REVISED	DAC 3/12/99	 3/23/99

OUTER HOUSING MOUNTING NUT WASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
SPRING	MUSIC WIRE	CADIUM PLATE PER QQ-P-416
INNER HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-56204
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT RING	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD FLASH PER MIL-G-45204
RETAINING RING SPRING WASHER	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	NICKEL PLATE PER QQ-N-290
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>PER OMNI SPECTRA CATALOG</u>	Temperature Rating <u>-55° to +125°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I
<u>Sea Level</u> <u>335</u>	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR <u>1.05+0.005f(GHz)</u>	Force to Engage (In-Lbs MAX) <u>3</u>	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) <u>.03x√f(GHz)</u>	& Disengage (In-Lbs MAX) <u>15</u>	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>	Center Contact Captivation	
Corona, 70,000 Ft (VRMS MIN) <u>335</u>	Axial (Lbs) <u>6</u>	
Dielectric Withstanding Voltage	Cable Retention	
(VRMS MIN) <u>Sea Level</u> <u>1000</u>	Axial Force (Lbs MIN) <u>30</u>	
Contact Resistance (Milliohms MAX)	Torque (In-Oz MIN) <u>16</u>	
Center Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential <u>Sea Level</u>		
(VRMS MIN <u>5 MHz</u>) <u>670</u>		
LR.(Megohms MIN) <u>5000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY 	9/18/93		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY			TITLE OSP FLOATING BULKHEAD FEEDTHRU CABLE JACK DIRECT SOLDER ATTACHMENT		
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			SIZE B	CODE IDENT NO. 26805	4522-5031-02	REV 030
			SCALE 4:1			SHEET 1 OF 1

.XXX = in
XX.X = mm (REF)