

			REVISIONS																																																																													
			REV	DESCRIPTION	DATE	APPROVED																																																																										
			032	ECN 92-0010	12/17/92	BB																																																																										
<table><tr><td colspan="2">ELECTRICAL</td><td colspan="2">MECHANICAL</td><td colspan="2">ENVIRONMENTAL</td></tr><tr><td colspan="2">Nominal Impedance (Ohms) 50</td><td colspan="2">Interface Dimensions</td><td colspan="2">Temperature Rating -65° to +125°C</td></tr><tr><td colspan="2">Frequency Range (GHz) DC to 18</td><td colspan="2">Per OMNI-SPECTRA CATALOG</td><td colspan="2">Vibration MIL-STD-202, Method 204, Condition D</td></tr><tr><td colspan="2">Volt Rating (VRMS MAX) @ Sea Level 500</td><td colspan="2">Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 1.5</td><td colspan="2">Shock MIL-STD-202, Method 213, Condition I</td></tr><tr><td colspan="2">VSWR 1.05+0.005f(GHz) DC to 18 GHz</td><td colspan="2">Center Contact Captivation</td><td colspan="2">Thermal Shock MIL-STD-202, Method 107, Condition B</td></tr><tr><td colspan="2">Insertion Loss (dB MAX) .03x√f(GHz)</td><td colspan="2">Axial (Lbs) 6.0</td><td colspan="2">Moisture Resistance MIL-STD-202, Method 106</td></tr><tr><td colspan="2">RF Leakage (dB MIN) (Fully Mated) -(60-f(GHz))</td><td colspan="2">Weight (Grams) TBD</td><td colspan="2">Corrosion - MIL-STD-202, Method 101, Condition B</td></tr><tr><td colspan="2">Corona, 70,000 Ft (VRMS MIN) 335</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">Contact Resistance (Milliohms MAX) Center Contact 2.0 Outer Contact 2.0</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">I.R.(Megohms MIN) 5000</td><td colspan="2"></td><td colspan="2"></td></tr></table>			ELECTRICAL		MECHANICAL		ENVIRONMENTAL		Nominal Impedance (Ohms) 50		Interface Dimensions		Temperature Rating -65° to +125°C		Frequency Range (GHz) DC to 18		Per OMNI-SPECTRA CATALOG		Vibration MIL-STD-202, Method 204, Condition D		Volt Rating (VRMS MAX) @ Sea Level 500		Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 1.5		Shock MIL-STD-202, Method 213, Condition I		VSWR 1.05+0.005f(GHz) DC to 18 GHz		Center Contact Captivation		Thermal Shock MIL-STD-202, Method 107, Condition B		Insertion Loss (dB MAX) .03x√f(GHz)		Axial (Lbs) 6.0		Moisture Resistance MIL-STD-202, Method 106		RF Leakage (dB MIN) (Fully Mated) -(60-f(GHz))		Weight (Grams) TBD		Corrosion - MIL-STD-202, Method 101, Condition B		Corona, 70,000 Ft (VRMS MIN) 335						Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000						Contact Resistance (Milliohms MAX) Center Contact 2.0 Outer Contact 2.0						RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000						I.R.(Megohms MIN) 5000						HOUSING		STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303		PASSIVATE PER ASTM-A380	
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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 OVER NICKEL PLATE PER QQ-N-290																																																																												
"O" - RING		NITRILE (BUNA-N) PER MIL-P-25732		N/A																																																																												
COMPONENT		MATERIAL		FINISH																																																																												
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		DRAWN BY JP DATE 4/13/83		AMP Incorporated																																																																												
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		CHECKED BY AJA DATE 2/7/84		140 Fourth Avenue																																																																												
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USE ASS'Y PROCEDURE		TITLE		AMP																																																																												
NO. AP. N/A		OSP 2 HOLE FLANGE MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL																																																																														
SIZE B		CODE IDENT NO. 26805		4551-1352-02																																																																												
SCALE 4:1		REV 032		SHEET 1 OF 1																																																																												