

			REVISIONS				
			REV	DESCRIPTION		DATE	APPROVED
			02 ₀	REVISED		8/19/93	<i>PD</i>
			DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE		MINIMUM		
CABLE ENTRY DIAMETER			SLEEVE .0896				
ELECTRICAL			MECHANICAL	ENVIRONMENTAL			
Nominal Impedance (Ohms) 50 ±1	Interface Dimensions <u>See Catalogue</u>	Temperature Rating -55° to +125°C	HOUSING CLAMP NUT BUSHING SLEEVE		STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380	
Frequency Range (GHz) DC to 50	Mating Characteristics: Insertion (MAX Lbs) 2	Vibration MIL-STD-202, Method 204, Condition D, 20Gs	DIELECTRIC		STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550	
Volt Rating (VRMS MAX) @ Sea Level N/A	Withdrawal (MIN Oz) 1	Shock MIL-STD-202, Method 213, Condition I, 100Gs	CENTER CONTACT		TFE FLUOROCARBON PER ASTM-D-1457	N/A	
VSWR DC to 18 GHz : 1.11MAX 18 to 26.5 GHz : 1.13MAX 26.5 to 50 GHz : 1.29MAX	Force to Engage (In/Lbs MAX) 2	Thermal Shock MIL-STD-202, Method 107, Condition B	COMPONENT		BERYLLIUM COPPER PER ASTM B 196, ALLOY C 17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290	
Insertion Loss (dB MAX) .07x $\sqrt{f(\text{GHz})}$	Center Contact Captivation Axial (Lbs) 4	Moisture Resistance MIL-STD-202, Method 106	MATERIAL		FINISH		
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Cable Retention Axial (Lbs MIN) 30	Corrosion - MIL-STD-202, Method 101, Condition B	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY DAC CHECKED BY DAC APPR BY S.M.	DATE 12-05-88 01-02-89 01-03-89	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
Corona, 70,000 Ft (VRMS MIN) 150	Torque (In-Oz) 16	These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.		USE ASSY PROCEDURE 408-04616 (85-002) NO. AP.	TITLE OS-50 JACK SOLDER CLAMP		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500				SIZE B	CODE IDENT. NO. 26805	REV 02 ₀	
Contact Resistance (Milliohms MAX) Center Contact 4.0				SCALE 5:1	SHEET 1 OF 1		
Outer Contact 4.0							
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 600							
I.R.(Megohms MIN) 5000							

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