

		DESIGNED FOR USE WITH .085 DIA SEMI-RIGID CABLE		REVISIONS					
		CABLE ENTRY DIAMETER MINIMUM		REV	DESCRIPTION	DATE	APPROVED		
		CONTACT .021 HOUSING .089		040	REVISED	6/28/93	M.A.		
				RECOMMENDED MOUNTING HOLE SCALE N.T.S.					
				BUSHING		STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303		PASSIVATE PER ASTM-A380	
				HOUSING OUTER MOUNTING NUT		STAINLESS STEEL TYPE 316		PASSIVATE PER ASTM-A380	
				HOUSING INNER		STAINLESS STEEL TYPE 316		GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290	
				DIELECTRIC		TFE FLUOROCARBON PER ASTM-D-1457		N/A	
				CENTER CONTACT CONTACT SLEEVE		BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H		GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290	
				CONTACT RING SHIM		BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H		GOLD PLATED PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550	
				SPRING		STAINLESS STEEL TYPE 302		PASSIVATE PER ASTM-A380	
				RETAINING RING		CARBON SPRING STEEL		NICKEL PLATE PER QQ-N-290 OVER COPPER PLATE PER MIL-C-14550	
				LOCKWASHER		STAINLESS STEEL 300 SERIES		PASSIVATE PER ASTM-A380	
				COMPONENT		MATERIAL		FINISH	
ELECTRICAL		MECHANICAL		ENVIRONMENTAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		DRAWN BY <i>D. Camello</i> DATE 1/27/93 CHECKED BY APPD BY	
Nominal Impedance (Ohms) 50		Interface Dimensions Per OMNI SPECTRA CATALOG		Temperature Rating -65° to +125°C		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.		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
Frequency Range (GHz) DC to 22		Mating Characteristics:		Vibration MIL-STD-202, Method 204, Condition D				TITLE OSP FLOATING BULKHEAD FEEDTHRU CABLE JACK DIRECT SOLDER ATTACHMENT	
Volt Rating (VRMS MAX)		Insertion (MAX Lbs) 3		Shock MIL-STD-202, Method 213, Condition I		USE ASS'Y PROCEDURE		SIZE B	
VSWR 1.05+.005f(GHz) dc to 18 GHz		Withdrawal (MIN Oz) 1		Thermal Shock MIL-STD-202, Method 107, Condition B except High Temp Shall Be +115°C		408-04596 (45-047)		CODE IDENT NO. 26805	
1.09+.009f(GHz) 18 to 22 GHz		OSP Force to Engage (Lbs MAX) 3		Moisture Resistance MIL-STD-202, Method 106		NO. A.P. _____		4522-5027-02	
Insertion Loss (dB MAX) .03x√f(GHz)		& Disengage (Lbs MAX) 1.5		Corrosion - MIL-STD-202, Method 101, Condition B				REV 040	
RF Leakage (dB MIN) -(60-f(GHz))		Center Contact Captivation						SCALE 3:1	
Corona, 70,000 Ft (VRMS MIN) 335		Axial (Lbs MIN) 6						SHEET 1 OF 1	
Dielectric Withstanding Voltage		Cable Retention							
(VRMS MIN) @ Sea Level 1000		Axial Force (lbs MIN) 30							
Contact Resistance (Milliohms MAX)		Torque (In-Oz MIN) 16							
Center Contact 2.0		Weight (Grams) TBD							
Outer Contact 2.0									
Cable to Housing 0.5									
RF High Potential @ Sea Level									
(VRMS MIN @ 5 MHz) 670									
I.R.(Megohms MIN) 5000									

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