

			DESIGNED FOR USE WITH .085 DIA S.R. CABLE CABLE ENTRY DIAMETER MINIMUM		REVISIONS			
					REV	DESCRIPTION	DATE	APPROVED
					01 ₁	REDRAWN ON CAD ECN 92-0009	1/6/94	
					CONTACT	.0215		
		HOUSING	.088					
			CAPTURED CENTER CONTACT					
			HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303		GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290		
			COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303		PASSIVATE PER ASTM-A380		
			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		
			RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H		N/A		
			GASKET	SILICONE RUBBER PER ZZ-R-765		N/A		
			COMPONENT	MATERIAL		FINISH		
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		DRAWN BY ED HOYLE DATE 3/1/88 CHECKED BY BAR 3/3/88 APPD BY BAR 3/3/88		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
			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 ASS'Y PROCEDURE 408-04970 NO. AP. (20-701)		TITLE OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT	
					SIZE B		CODE IDENT NO. 26805	
					SCALE 5:1		2001-7585-02	
							REV 01 ₁	
							SHEET 1 OF 1	
ELECTRICAL			MECHANICAL			ENVIRONMENTAL		
Nominal Impedance (Ohms) 50			Interface Dimensions MIL-STD-348A			Temperature Rating -65°C to 105°C		
Frequency Range (GHz) DC to 18.0			Fig. 310.1			Vibration MIL-STD-202, Method		
Volt Rating (VRMS MAX)			Recommended Mating			204, Condition D		
Sea Level 335			Torque 7 to 10 in-LBs			Shock MIL-STD-202, Method 213,		
VSWR 1.07 + .01f(GHz)			Mating Characteristics:			Condition 1		
Insertion Loss (dB MAX) .03 √f(GHz)			Insertion (MAX Lbs) N/A			Thermal Shock MIL-STD-202,		
RF Leakage (dB MIN) -[90-f(GHz)]			Withdrawal (MIN Oz) N/A			Method 107, Condition B,		
Corona, 70,000 Ft (VRMS MIN) 250			Force to Engage and			Except High Temp 115°C		
Dielectric Withstanding Voltage			Disengage (In-Lbs MAX) 2.0			Moisture Resistance MIL-STD-202,		
(VRMS MIN) Sea Level 1000			Center Contact Captivation			Method 106		
Contact Resistance (Milliohms MAX)			Axial (Lbs) 6.0			Corrosion - MIL-STD-202, Method		
Center Contact 3.0			Radial (In-Oz) N/A			101, Condition B, 5% salt spray		
Outer Contact 2.0			Cable Retention					
Cable to Housing .05			Axial Force (Lbs) 30					
RF High Potential Sea Level			Torque (In-Oz) 16					
(VRMS MIN 5 MHz) 670			Weight (Grams) T.B.D.					
I.R.(Megohms MIN) 5,000								

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