

			CABLE ENTRY DIAMETER MINIMUM		REVISIONS			
			HOUSING	.1425	REV	DESCRIPTION	DATE	APPROVED
			CONTACT	.037	040	MAJOR CHANGES, ECN 85-0282-4	D.CAM 4/22/85	L.BELOPOLSKY
					050	VARIOUS MAJOR CHANGES, ECN 86-0436-5	MB 5/30/86	R.GIERAS
					060	VARIOUS MAJOR CHANGES, ECN 87-0769	D.CAM 6/11/87	MH/M 6/17/85
				061	DIM 'B' AFTER CRIMPING, FROM .694REF TO .569REF, ECN 88-1143		MC 7/1/88	MY 7/5/88
				062	REDRAWN IN CAD, ECN 88-0678		KCM 5/22/90	NGB
			NOTES: 1. DESIGNED FOR USE WITH .141 DIA (RG 402/U) SEMI-RIGID CABLE. 2. CAPTURED CENTER CONTACT. 3. PICTORAL VIEW IS AFTER CRIMPING. 4. MIN. STRAIGHT CABLE LENGTH .389 5. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING.					
			BEFORE CRIMPING		DIM 'A' .770 REF (19.6mm)	DIM 'B' .694 REF (17.6mm)		
			AFTER CRIMPING		.657 MAX (16.7mm)	.569 REF (14.5mm)		
			HOUSING MOUNTING NUT BUSHING LOCKWAHER		STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303		PASSIVATE PER QQ-P-35	
			DIELECTRIC		PTFE FLUOROCARBON PER PER MIL-P-19468, FED SPEC L-P-403, & ASTM-D-1457		N/A	
			CONTACT		BERYLLIUM COPPER PER ASTM-B196, ALLOY 173		GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550	
			O-RING		SILICONE RUBBER PER ZZ-R-765		N/A	
			COMPONENT		MATERIAL		FINISH	
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		DRAWN BY D.CAM 11/29/82 DATE		AMP Incorporated	
			FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		CHECKED BY R.GIERAS 1/21/83		140 Fourth Avenue Waltham, MA 02451-7599	
			APPD BY RMF 1/24/83		AMP			
			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		TITLE OSM BULKHEAD FEEDTHRU CABLE JACK COMPRESSION CRIMP ATTACHMENT	
			NO. AP. 408-04954 (20-184)		SIZE B		CODE IDENT NO. 26805	
					SCALE 4:1		2004-7641-02	
							REV 062	
							SHEET 1 OF 1	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348	Temperature Rating -65° to +105°C
Frequency Range (GHz) DC to 18	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D, 20 Gs
Volt Rating (VRMS MAX) @ Sea Level 500	Torque 7-10	Shock MIL-STD-202, Method 213, Condition I, 100 Gs
VSWR 1.05+.005f(GHz)	Center Contact Captivation	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX) .05x√f(GHz)	Axial (Lbs) 6	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(100-f(GHz))	Axial Force (Lbs) 60	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 375	Torque (In/Oz) 55	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1500		
Contact Resistance (Milliohms MAX)		
Center Contact 2.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000		
I.R.(Megohms MIN) 5000		