


ELECTRICAL	MECHANICAL	ENVIRONMENTAL	COMPONENT	MATERIAL	FINISH
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig 321-1	TEMPERATURE RATING -65° TO +125°C	HOUSING BUSHING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER QQ-P-35
Frequency Range (GHz) DC to 22	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D	DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I	CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
VSWR 1.05+.005F(GHz) DC to 18 GHz 1.05+.009F(GHz) DC to 22 GHz	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B	O-RING	FLOUROSILICONE PER MIL-R- 25988, CLASS I, TYPE I.	N/A
Insertion Loss (dB MAX) .03x√F(GHz)	Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 1.5	Moisture Resistance MIL-STD-202, Method 106			
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-F(GHz))	Center Contact Captivation Axial (Lbs) 6	Corrosion - MIL-STD-202, Method 101, Condition B			
Corona, 70,000 Ft (VRMS MIN) 250	Cable Retention Axial Force (Lbs MIN) 30 Torque (In-Oz MIN) 16				
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Weight (Grams)				
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) 670					
I.R.(Megohms MIN) 5000					
		.XXX = in XX.X = mm (REF)	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY D. CAN 12-10-83	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
			FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	CHECKED BY LB 12-18-83	
			These drawings and specifications are the property of M/A COM Interconnect Div. and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of a item(s) without written permission.	APP'D BY RR 12-19-83	
			USE ASS'Y PROCEDURE		
			NL AP. 45-028 408-04763		
					TITLE DSP BULKHEAD FEEDTHRU CABLE PLUG REAR MOUNT- COMPRESSION CRIMP ATTACHMENT
					SIZE B CODE IDENT NL 26805 4503-7685-02 REV 03 <sub>1</sub>
					SCALE 5:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059399-1  
SHEET 1 OF 1 REV B