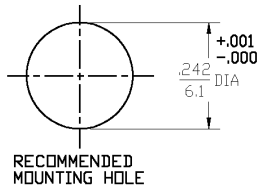


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
030	REVISED	11/18/82	JGH
B	REVISED PER ECN 0020-0262-01	12/10/82	JGH



DESIGNED FOR USE WITH .085 DIA SEMI-RIGID CABLE CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.0215

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOMINAL IMPEDANCE (OHMS) 50 ± 1	Interface Dimensions Per MIL-STD-348A Fig. 32L1	TEMPERATURE RATING -65° TO +125°C
Frequency Range (GHz) DC to 22	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR $1.05 + .005F(\text{GHz})$ DC to 18 GHz	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B
$1.05 + .005F(\text{GHz})$ DC to 22 GHz	Force to Engage (In-Lbs MAX) N/A	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) $.03 \times \sqrt{F(\text{GHz})}$	& Disengage (In-Lbs MAX) N/A	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) (Interface Only, Fully Mated) $-190 - F(\text{GHz})$	Center Contact Captivation Adol (Lbs) 6	
Corona, 70,000 Ft (VRMS MIN) 335	Cable Retention Axial Force (Lbs MIN) 30	
Dielectric Withstanding Voltage (VRMS MIN @ Sea Level) 1000	Torque (In-Oz MIN) 16	
Center Contact 2.0	Weight (Grams) 2.7	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
IR (Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
O-RING	FLUOROSILICONE PER MIL-R-25988, CLASS I, TYPE I.	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE IN	DATE 11/16/82	AMP Incorporated 140 Fourth Avenue Walham, MA 02451-7999		
FRAC DEC ANGLES	11/17/82			
$\pm 1/64$ $\pm .008$ $\pm 1^\circ$	11/18/82			
These drawings and specifications are the property of AMP and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.	USE ASS'Y PROCEDURE 408-08265 ND. AP. (45-012)	TITLE DSP BULKHEAD FEEDTHROUGH CABLE PLUG DIRECT SOLDER ATTACHMENT		
	SIZE B	CAGE IDENT NO. 26805	4503-7985-00	REV 030
	SCALE 5:1			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059404-1
SHEET 1 OF 1 REV B