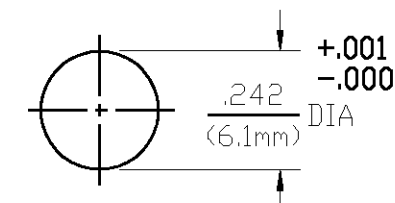


DESIGNED FOR USE WITH RG 316/U & SIMILAR CABLES CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.067
FERRULE	.125
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
020	CHG'S PER ECN 86-0048-2	D.CAM 2/7/86	R.GIERAS
030	CHANGED PICTORALLY, ECN 86-0355 (6 OF 7)	M.B. 5/20/86	R.GIERAS
031	REDRAWN IN CAD PER ECN 92-0008	J.B. 2/26/92	JGH 2/27/92
B	REVISED PER ECN 0020-0262-01	G.V. 12/10/02	JGH



RECOMMENDED  
MOUNTING HOLE

HOUSING MOUNTING NUT LOCKWASHER	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 COPPER PLATE PER MIL-C-14550
"O" - RING	FLUOROSILICONE PER MIL-R- 25988, CLASS I, TYPE I.	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions Per OMNI SPECTRA CATALOG	TEMPERATURE RATING -65° TO +125°C
Frequency Range (GHz) DC to 3	Force to Engage (In-Lbs MAX) 3.0	Vibration MIL-STD-202, Method 204, Condition D, 20Gs
Volt Rating (VRMS MAX) @ Sea Level 250	& Disengage (In-Lbs MAX) 1.5	Shock MIL-STD-202, Method 213, Condition I, 100Gs
VSWR 1.15±.01F(GHz) DC to 3 GHz	Center Contact Captivation	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .06x √F(GHz)	Axial (Lbs) 6.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Fully Mated) -(60-F(GHz))	Cable Retention	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 190	Axial Force (Lbs MIN) 20.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Weight (Grams) TBD	
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) 500		
I.R.(Megohms MIN) 5000		

COMPONENT		MATERIAL		FINISH	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON  FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°  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.		DRAWN BY	T.MCW	DATE	12-3-82
		CHECKED BY	R.G.		12-3-82
		APPROVED BY	RMF		12-7-82
		USE ASS'Y PROCEDURE  408-08271 (45-018) NO. A.P. _____			
		TITLE DSP BULKHEAD FEEDTHROUGH CABLE PLUG - CRIMP ATTACHMENT			
		SIZE	CODE IDENT NO.		REV
		B	26805	4533-7388-02	031
		SCALE 3:1		SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1059523-1  
SHEET 1 OF 1 REV B

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