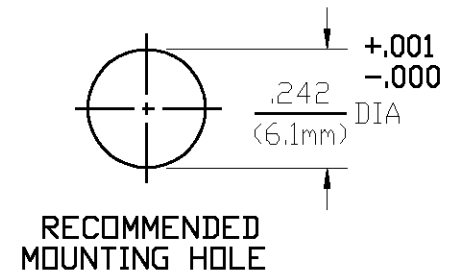


DESIGNED FOR USE WITH RG 316/U & SIMILAR CABLES	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.066
FERRULE	.125
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	2/27/92	<i>D. Cornelli</i>
B	REVISED PER ECN 0U20-0262-01	G.V. 12/10/02	JGH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions Per <u>OMNI SPECTRA CATALOG</u>	TEMPERATURE RATING <u>-65° TO +125°C</u>
Frequency Range (GHz) DC to <u>3</u>	Force to Engage (In-Lbs MAX) <u>3.0</u>	Vibration MIL-STD-202, Method 204, Condition D, 20Gs
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	& Disengage (In-Lbs MAX) <u>1.5</u>	Shock MIL-STD-202, Method 213, Condition I, 100Gs
VSWR <u>1.15±.01F(GHz)</u> DC to 3 GHz	Center Contact Captivation	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.06x√F(GHz)</u>	Axial (Lbs) <u>6.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Fully Mated) <u>-(60-F(GHz))</u>	Cable Retention	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Axial Force (Lbs MIN) <u>20.0</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Weight (Grams) <u>TBD</u>	
Contact Resistance (Milliohms MAX)		
Center Contact <u>2.0</u>		
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>		
I.R.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
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	FLOUROSILICONE 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

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 <i>BB</i> DATE <i>2/26/92</i>		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY <i>JKM</i> DATE <i>2/27/92</i>		TITLE DSP BULKHEAD FEEDTHROUGH CABLE PLUG - CRIMP ATTACHMENT	
	APP'D BY <i>D. Cornelli</i> DATE <i>2/27/92</i>		USE ASSY PROCEDURE 408-08271 (45-018) NO. A.P. _____	SIZE B CODE IDENT NO. 26805 4533-7388-00
SCALE 3:1		SHEET 1 OF 1		

CUSTOMER DRAWING

AMP PART # 1059522-1
SHEET 1 OF 1 REV B