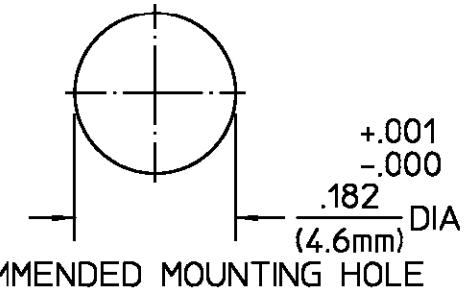


DESIGNED FOR USE WITH	
RG-188/U FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.125
HOUSING	.062
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	2/1/93	<i>M.M.</i>



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>SEE OMNI-SPECTRA CATALOG</u>	Temperature Rating <u>-65° to +105°C</u>
Frequency Range (GHz) DC to <u>28</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05+.01f(GHz)</u>	Withdrawal (MIN Oz) <u>0.5</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.04x√f(GHz)</u>	Force to Engage (In-Lbs MAX) <u>3</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>	& Disengage (In-Lbs MAX) <u>15</u>	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>675</u>	Axial (Lbs) <u>4 min</u>	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact <u>6.0</u>	Axial Force (Lbs MIN) <u>20</u>	
Outer Contact <u>3.0</u>	Torque (In-Oz MIN) <u>N/A</u>	
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>675</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	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT EXT.	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 60 (DUROMETER) PER MIL-P-25988, CLASS 1, TYPE 1	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	SOFT COPPER OR BRASS ALLOY, ROCKWELL F65 MAX	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <i>M.M.</i> DATE 1/29/93	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY <i>M.M.</i>	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	APPD BY <i>M.M.</i> DATE 2/1/93	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 NO. AP. <u>47-011</u>	
		SIZE B CODE IDENT NO. 26805 4733-7388-02 REV 010
		SCALE 5:1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1059886-1
SHEET 1 OF 1 REV B
PER EC # OU20-0261-01