



DESIGNED FOR USE WITH RG-188/U	
CABLE ENTRY DIAMETER MINIMUM	
CLAMP NUT	.113
COLLAR	.065
DIELECTRIC	.066
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED		
01 ₁	SEE ECN 80-0084	G.B. 2/18/80	
01 ₂	REDRAWN AND UPDATE PER ECN 88-0678	EFH 8/27/91	<i>AK</i> 8/30/91

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.2</u>	Temperature Rating <u>-65°C TO +125°C</u>
Frequency Range (GHz) DC to MAX Operating Frequency of Applicable Cable Per MIL-C-17	Recommended Mating Torque <u>N/A</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Mating Characteristics: Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.15 + .01 f GHz</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.06 √fGHz</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Radial (In-Oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Cable Retention Axial Force (Lbs) <u>20</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>4.1</u>	
Cable to Housing <u>5.0</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>		
LR.(Megohms MIN) <u>10,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT	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
COLLAR	BRASS PER QQ-B-626 COMP. 360, HALF HARD	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 ± °	DRAWN BY J.B.L. DATE 5/13/75		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
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.	CHECKED BY B.M.F. DATE 5/13/75		TITLE OSM STRAIGHT CABLE JACK CLAMP ATTACHMENT		
	APPD BY C.B.D. DATE 5/13/75		USE ASS'Y PROCEDURE 408-04906 NO. AP. (20-075)	SIZE B	CODE IDENT NO. 26805
		2002-7188-02	REV 01 ₂	SCALE 5:1	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1050903-1
SHEET 1 OF 1 REV A