



CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.066
CONTACT	.024
WASHER	.125
WEDGE	.159
CLAMP NUT	.112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	SEE ECN 80-0084	GB 2/19/80	TS 2/19/80
02 ₀	MAJOR CHANGES AND REDRAWN PER ECN 90-0180-2	KCM 3/8/91	CW 3/8/91

- NOTES:
- DESIGNED FOR USE WITH RG188/U CABLE.
 - MAX OPERATING FREQ OF CABLE PER MIL-C-17

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A Fig. 310.2	Temperature Rating -65°C To 165°C
Frequency Range (GHz) SEE NOTE 2	Recommended Mating Torque N/A	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 0 Sea Level 250	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.15±.02fGHz	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 85°C
Insertion Loss (dB MAX) .06√fGHz	Force to Engage and Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106. No Measurement at High Humidity. Insulation Resistance Shall Be at Least 200 Megohms Within 5 Min After Removal From Humidity
RF Leakage (dB MIN) -[60-f(GHz)]	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, (salt spray)
Corona, 70,000 Ft (VRMS MIN) 190	Radial (In/Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) 0 Sea Level 750	Cable Retention Axial Force (Lbs) 20	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Torque (In/Oz) N/A	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing 0.5		
RF High Potential 0 Sea Level (VRMS MIN 0 5 MHz) 500		
LR.(Megohms MIN) 5,000		

HOUSING CLAMP NUT 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
FERRULE WEDGE WASHER	BRASS PER QQ-B-626 COMP. 360	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
COMPONENT	MATERIAL	FINISH
<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°</div> <div>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.</div>		
<div><div><div>DRAWN BY BWC CHECKED BY PRB APPD BY EW</div><div>DATE 6/2/67 6/21/68 6/21/68</div></div><div><div>AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599</div><div>AMP</div></div></div> <div><div>USE ASS'Y PROCEDURE 408-04704 (20-438) NO. A.P. _____</div><div><div>TITLE OSM BULKHEAD JACK SOLDER CLAMP ATTACHMENT</div><div><div>SIZE B</div><div>CODE IDENT NO. 26805</div><div>2004-7188-00</div><div>REV 02₀</div></div><div><div>SCALE 5:1</div><div>SHEET 1 OF 1</div></div></div></div>		

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