



CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.066
CONTACT	.024
WASHER	.125
WEDGE	.159
CLAMP NUT	.113

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₀	MAJOR CHANGES AND REDRAWN PER ECN 90-0180-2	M.Y. 2-14-91	BB 2-15-91

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

COMPONENT	MATERIAL	FINISH
HOUSING CLAMP NUT 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
FERRULE WEDGE WASHER	BRASS PER QQ-B-626 COMP. 360	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A Fig. 310.2	Temperature Rating <u>-65°C To 165°C</u>
Frequency Range (GHz) <u>SEE NOTE 2</u>	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±.02fGHz</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp <u>85°C</u>
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. No Measurement at High Humidity. Insulation Resistance Shall Be at Least 200 Megohms Within 5 Min After Removal From Humidity
RF Leakage (dB MIN) <u>-[60-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, (salt spray)
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Radial (In/Oz) <u>N/A</u>	
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>3.0</u>	Torque (In/Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</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>5,000</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY JPD DATE 7-18-75		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY RMF DATE 7-25-75		TITLE OSM BULKHEAD JACK SOLDER CLAMP ATTACHMENT	
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		SCALE 5:1	SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1084782-1
SHEET 1 OF 1 REV A