



DESIGNED FOR USE WITH RG-174/U OR EQUIVALENT	
CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.023
HOUSING	.064
FERRULE	.109

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
012	REVISED	02/10/95	<i>APD</i>

COMPONENT	MATERIAL	FINISH
COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 319.1	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating Torque 5 in-lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 250	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR 1025 +.002 f(GHz)	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
Insertion Loss (dB MAX) .06 √f(GHz)	Force to Engage and Disengage (in-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) N/A	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 190	Radial (in-Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 750	Cable Retention Axial Force (Lbs MIN) 30	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Torque (in-Oz) N/A	
Outer Contact 2.0	Weight (Grams) TBD	
Cable to Housing .05		
RF High Potential Sea Level (VRMS MIN) 5 MHz 500		
IR (Megohms MIN) 5,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY K.L.	DATE 3/22/71	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES = 1/64 * .005 * °	CHECKED BY R.M.K.	3/23/71	
	APPROVED BY PRB	3/24/71	
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CUSTOMER DRAWING AMP PART # 1045482-1 SHEET 1 OF 1 REV A