


DESIGNED FOR USE WITH RG-141/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
COLLAR	.120
CONTACT SLOT	.040

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
021	REVISED	DAC 6/15/99	DCM 6/16/99

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating <u>-65°C To +125°C</u>
Frequency Range (GHz) DC to <u>12.4</u>	Recommended Mating Torque <u>7-10 in-Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 ±.005 f(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, except high temp shall be +85°C
Insertion Loss (dB MAX) <u>.08 √f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>[-60-f(GHz)]</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Axial (Lbs) <u>6.0</u>	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) <u>4.0</u>	
Center Contact <u>2.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>30 Min</u>	
Cable to Housing <u>0.5</u>	Torque (In-Oz) <u>N/A</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
LR.(Megohms MIN) <u>10,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CLAMP NUT CAP	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 COLLAR	BRASS PER ASTM-B-16, HALF HARD	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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY R.N.L. DATE 7-26-74	 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	FRAC. DEC. ANGLES ± 1/64 ±.005 ± °		
These drawings and specifications are the property of AMP 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.	APPD BY R.B. 8-1-74	TITLE OSM RIGHT ANGLE CABLE PLUG CLAMP ATTACHMENT	
	USE ASS'Y PROCEDURE	NO. AP. 408-04965 (20-077)	REV 021
	SCALE 5:1	SIZE B	CODE IDENT NO. 26805
		SHEET 1 OF 1	