



DESIGNED FOR USE WITH	
RG-188/U	
CABLE ENTRY DIAMETER	
MINIMUM	
COLLAR	.066
CLAMP NUT	.112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>3</sub>	REVISED	DAC 6/15/99	DCM 6/16/99

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	Temperature Rating <u>-60°C to +165°C</u>
Frequency Range (GHz) DC to <u>12.4</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX)	Torque <u>7 - 10 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
@ Sea Level <u>250</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B.
VSWR <u>1.15 + .01</u>	Insertion (MAX Lbs) <u>N/A</u>	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>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</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</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>500</u>	Weight (Grams) <u>TBD</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	GOLD PLATE PER MIL-G-45204
CENTER CONTACT COLLAR	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
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	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	BWC	6-05-67	
FRAC. DEC. ANGLES	CHECKED BY	APPD BY	<b>AMP</b> TITLE OSM RIGHT ANGLE CABLE PLUG CLAMP ATTACHMENT SIZE B CODE IDENT NO. 26805 2007-7188-00 REV 01 <sub>3</sub> SCALE 5 : 1 SHEET 1 OF 1
± 1/64 ±.005 ± °	D. NANIA	8/31/67	
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