



DESIGNED FOR USE WITH RG-178/U CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.036
FERRULE	.098

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>1</sub>	REVISED	DAC 6/15/99	DCM 6/16/99

HOUSING COUPLING 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	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
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C to +165°C
Frequency Range (GHz) DC to 12.4	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level 170	Torque 7 to 10 in-lbs	Shock MIL-STD-202, Method 213, Condition I.
VSWR 1.20 + .03 f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) .15 √f(GHz)	Insertion (MAX Lbs) N/A	Except High Temp shall be +85°C.
RF Leakage (dB MIN) -60 @ 2-3 (GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 125	Force to Engage and Disengage (In-Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500	Center Contact Captivation	
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	
Center Contact 4.0	Radial (In-Oz) 4.0	
Outer Contact 2.0	Cable Retention	
Cable to Housing .05	Axial Force (Lbs) 10.0	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 335	Torque (In-Oz) n/a	
IR.(Megohms MIN) 5,000	Weight (Grams) TBD	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY <i>J. Davis</i> DATE 5/11/93	<b>AMP</b> Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY		
	APPD BY <i>RLC</i> DATE 5/12/93	TITLE OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACHMENT M39012/56-3025 CAT C	
	USE ASS'Y PROCEDURE 408-04846 NO. AP. (20-584)	SIZE B CODE IDENT NO. 26805 2037-8025-92	REV 01 <sub>1</sub>
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