



DESIGNED FOR USE WITH .085 S/R CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
03 ₀	RELEASED	3/4/97	DPG

BEFORE CRIMPING	.446 REF 11.3	.571 REF 14.5
AFTER CRIMPING	.398 MAX 10.1	.448 REF 11.4
	DIM A	DIM B

- NOTES:
1. CAPTURED CENTER CONTACT
 2. PICTORAL VIEW IS AFTER CRIMPING
 3. MINIMUM STRAIGHT CABLE LENGTH, .340
 4. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	Temperature Rating <u>-65°C To +165°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>500</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07 ±.01 f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, except high temp shall be +115°C
Insertion Loss (dB MAX) <u>.05 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>[-90-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Radial (In-Oz) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Cable Retention Axial Force (Lbs) <u>60 Min</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>	Torque (In-Oz) <u>55</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>		
I.R.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
COUPLING NUT HOUSING BUSHING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <u>D. P. Mello</u> DATE <u>8/4/92</u>	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY	TITLE <u>OSM RIGHT ANGLE CABLE PLUG - COMPRESSION CRIMP ATTACHMENT</u>	
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		SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>
		SCALE <u>5:1</u>	<u>2007-5140-02</u>
			REV <u>03₀</u>
			SHEET 1 OF 1