



DESIGNED FOR USE WITH .141 SEMI-RIGID CABLE CABLE ENTRY DIAMETER MINIMUM	.142
HOUSING CONTACT	.036

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
021	REVISED	12/02/83	<i>JD</i>

DIM "A"	
BEFORE CRIMPING	AFTER CRIMPING
.720 18.3 MAX	.573 14.6 MAX

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT BUSHINGUT 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	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

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 Torque 7-10 In-Lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 500	Mating Characteristics: Insertion (MAX Lbs) N/A	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.10 +.01 (1GHz)	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, except high temp shall be +115°C
Insertion Loss (dB MAX) .05 √(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -[60-(1GHz)]	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 375	Radial (In-Oz) N/A	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1,500	Cable Retention Axial Force (Lbs) 60 Min	
Contact Resistance (Milliohms MAX)	Torque (In-Oz) 55	
Center Contact 4.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential Sea Level (VRMS MIN) 5 MHz 1,000		
IR (Megohms MIN) 5,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY D.CAM DATE 1-5-83	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	CHECKED BY R.GIERAS 8-16-83	
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USE ASSY PROCEDURE	408-04691 (20-212)	TITLE OSM RIGHT ANGLE CABLE PLUG SOLDERLESS COMP CRIMP ATTACHMENT
		SIZE B CODE IDENT NO. 26805 2007-7641-02 REV 021
		SCALE 5 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051145-1
SHEET 1 OF 1 REV A