



DESIGNED FOR USE WITH .141 SR CABLE	
CABLE ENTRY DIAMETER MINIMUM	.144
HOUSING	.144
CONTACT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	8/2/95	<i>Comello</i>

**DESIGN CONTROL REQUIRED**

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 304.1	Temperature Rating -65°C TO +125°C
Frequency Range (GHz) DC to 18	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 599	Torque 12 - 15 LBS	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.06 + .007 fGHz	Force to Engage and Disengage (In/Lbs MAX) 6.0	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 200°C
Insertion Loss (dB MAX) .05 V fGHz	Cable Retention	Moisture Resistance MIL-STD-202, Method 106, Except Step 7b (Vibration) Shall Be Omitted
RF Leakage (dB MIN) -190 -f(GHz)	Axial Force (Lbs) 60	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Carona, 70,000 Ft (VRMS MIN) 500	Torque (In/Oz) 55	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 2500	Weight (Grams) TBD	
Contact Resistance (Milliohms MAX)		
Center Contact 1.5		
Outer Contact 2.0		
Cable to Housing 2.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1500		
IR (Megohms MIN) 10,000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	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
RETAINING RING	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY <i>Comello</i> DATE 8/2/95	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY <i>Comello</i>	
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	USE ASSY PROCEDURE 408-04915 (30-001) NO. AP. _____	TITLE OSN STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT
	SIZE B CODE IDENT NO. 26805	1250-1119-00 REV 01
	SCALE 3:1	SHEET 1 OF 1

CUSTOMER DRAWING AMP PART # 1046234-1 SHEET 1 OF 1 REV A