



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	UPDATED	11/17/93	<i>JB</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348 FIG 310.1	Temperature Rating -65°C to 105°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7.0 to 10.0 In/Lbs	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 335	Connector Engagement 2.0 In/Lbs MAX	Shock - MIL-STD-202, Method 21B, Condition I
VSWR 1.05±0.06f(GHz) MAX	Center Contact Capitation Axial 6.0 Lbs MIN Radial 4.0 In/Oz MIN	Thermal shock MIL-STD-202, Method 107 Test Condition B Except High Temp 115°C
Insertion Loss (dB MAX) .06√f(GHz)	Weight (Grams) 4.7	Moisture Resistance - MIL-STD-202, Method 106, except Step 7b (Vibration) shall be omitted
RF Leakage -160-f(GHz)		Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250		
Dielectric Withstanding Voltage (VRMS MIN) 1000		
Contact Resistance (Milliohms MAX) Center Contact 4.0 Outer Contact 2.0		
RF High Potential (VRMS MIN @ 5 MHz) 670		
IR.(Megohms) 5000		

HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
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

COMPONENT	MATERIAL	FINISH
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON</small> <small>FRAC. DEC. ANGLES</small> <small>±.1/64 ±.005 ±.1°</small> <small>These drawings and specifications are the property of Gent Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.</small>		
<small>DRAWN BY</small> EJC <small>CHECKED BY</small> PRB <small>APPROVED BY</small> PB	<small>DATE</small> 9/17/71 <small>DATE</small> 9/17/71 <small>DATE</small> 9/17/71	<small>AMP Incorporated</small> 140 Fourth Avenue Waltham, MA 02451-7599
<small>USE ASSY PROCEDURE</small> N/A <small>NO. AP.</small>		
<small>TITLE</small> OSM PLUG TO PLUG ADAPTER		<small>SIZE</small> B <small>CODE IDENT NO.</small> 26805 <small>SCALE</small> 5:1
<small>2081-0000-02</small>		<small>REV</small> 01 ₁ <small>SHEET 1 OF 1</small>

CUSTOMER DRAWING

AMP PART # 1053635-1
SHEET 1 OF 1 REV A