



DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	.0875
HOUSING	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₃	REVISED	05/05/94	<i>AD</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A	Temperature Rating <u>-65°C to +105°C</u>
Frequency Range (GHz) DC to <u>26.5</u>	Recommended Mating Torque <u>7 to 8 In - Lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.035 + .005f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C
Insertion Loss (dB MAX) <u>.03√f(GHz)</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>N/A</u>	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Cable Retention Axial Force (Lbs) <u>30</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Torque (In/Oz) <u>16</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Weight (Grams) <u>1.0</u>	
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>		
I.R.(Megohms MIN) <u>N/A</u>		

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
RETAINING RING	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	DRAWN BY <u>TEM</u> DATE <u>11-30-76</u> CHECKED BY <u>ECA</u> DATE <u>12-1-76</u> APP'D BY <u>RMF</u> DATE <u>12-1-76</u>	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
USE ASS'Y PROCEDURE	TITLE OSSM STRAIGHT CABLE PLUG - DIRECT SOLDER ATTACHMENT	
NO. AP. <u>10-001</u> (408-04796)	SIZE <u>B</u> CODE IDENT NO. <u>26805</u> SCALE <u>10 : 1</u>	1001-7985-02 REV <u>01₃</u>
	SHEET 1 OF 1	

.XXX = in
XX.X = mm