



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₂	REVISED	11/5/97	[Signature]

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) DC to <u>27</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>335</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 + .005f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Except High Temp shall be 115°C
RF Leakage (dB MIN) <u>-[60-F(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Radial (In/Oz) <u>4.0</u>	Shall Be Omitted
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Cable Retention Axial Force (Lbs) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Torque (In/Oz) <u>N/A</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>N/A</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
LR.(Megohms MIN) <u>10000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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	DATE	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	DM	4/11/79	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY		TITLE OSM 27 GHz 4 HOLE FLG MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL
	KWW	4/20/79	
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	GH	4/20/79	
USE ASS'Y PROCEDURE	NO. AP. N/A	SCALE 4:1	SHEET 1 OF 1