



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 <sub>3</sub>	REVISED	DAC 3/22/99	<i>Dubog</i> 3/21/99
B	PER EC 0U20-0692-00	9/27/01	<i>C. Hoang</i> 9/27/01

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>304.1</u>	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>11</u>	Recommended Mating Torque <u>12 - 15 in-lbs</u>	Vibration MIL-STD-202, Method 204, Condition B.
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Mating Characteristics: Insertion (MAX Lbs) <u>2.0</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.10 + .01 f(GHz)</u>	Withdrawal (MIN Oz) <u>2.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>.07 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>6.0</u>	Except High Temp 85°C
RF Leakage (dB MIN) <u>-[60- f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>500</u>	Radial (In-Oz) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>2,500</u>	Cable Retention Axial Force (Lbs) <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>	Torque (In-Oz) <u>N/A</u>	
Outer Contact <u>0.2</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>N/A</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,500</u>		
LR.(Megohms MIN) <u>5,000</u>		

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	BRASS PER ASTM-B-16 HALF HARD	NICKEL PLATE QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	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		DRAWN BY R.M.C. DATE 5/18/71		 <b>AMP Incorporated</b> 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		CHECKED BY P.R.B. DATE 5/20/71		
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USE ASSY PROCEDURE		TITLE TYPE N FLANGE MOUNT PLUG RECEPTACLE STRAIGHT TERMINAL		
NO. A.P. <u>N/A</u>		SIZE B	CODE IDENT NO. 26805	3051-1200-10
		SCALE 3:1		REV 01 <sub>3</sub>
				SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1057277-1  
SHEET 1 OF 1 REV B