



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01g	REVISED PER ECN 97-0358-2	10/24/97	T. Wag

ELECTRICAL
Nominal Impedance (Ohms) 50
Frequency Range (GHz) DC to 18
Volt Rating (VRMS MAX)
Sea Level 335
VSWR 1.05 + .005f (GHz)
Insertion Loss (dB MAX) .03/f GHz
RF Leakage (dB MIN) -(60-f)(GHz)
Corona, 70,000 Ft (VRMS MIN) 250
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1000
Contact Resistance (Milliohms MAX)
Center Contact 3.0
Outer Contact 2.0
Cable to Housing N/A
RF High Potential Sea Level (VRMS MIN) 5 MHz 670
IR (Megohms MIN) 10,000

MECHANICAL
Interface Dimensions MIL-STD-348A, Fig 310-2
Recommended Mating Torque 7-10 In-Lbs
Mating Characteristics:
Insertion (MAX Lbs) 3.0
Withdrawal (MIN Oz) 1.0
Force to Engage and Disengage (In/Lbs MAX) 2
Center Contact Captivation
Axial (Lbs) 6.0
Radial (In/Oz) 4.0
Weight (Grams) 2.9

ENVIRONMENTAL
Temperature Rating -65°C To +125°C
Vibration MIL-STD-202, Method 204 204, Condition B
Shock MIL-STD-202, Method 213, Condition I
Thermal Shock MIL-STD-202, Method 107, Condition B
Moisture Resistance MIL-STD-202, Method 106, Except Vibration Shall Be Omitted
Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray

HOUSING	DIELECTRIC	CENTER CONTACT
STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	TFE FLUOROCARBON PER ASTM-D-1457	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY BWC DATE 6/6/67	AMP Incorporated
TOLERANCE ON	CHECKED BY PRB 6/6/68	140 Fourth Avenue
FRACTIONAL DECIMAL ANGLES ± 1/64 ± .005 ± °	APPROVED BY D. NANIA 6/6/68	Waltham, MA 02451-7599
USE ASSY PROCEDURE	TITLE OSM FLANGE MOUNT JACK RECEPTACLE - STRAIGHT TERMINAL	
NO. AP. N/A	SIZE B	CODE BOOK NO. 26805
	SCALE 5 : 1	2052-1201-00
		REV 01g
		SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052522-1  
SHEET 1 OF 1 REV A