



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01_1	REVISED	4/3/96	<i>[Signature]</i>

RECOMMENDED MOUNTING HOLE

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A	Temperature Rating -65°C To 165°C
Frequency Range (GHz) DC to 18	Fig. 310.2	Vibration MIL-STD-202, Method 204, Condition D, 20G's
Volt Rating (VRMS MAX) @ Sea Level 335	Recommended Mating Torque N/A	Shock MIL-STD-202, Method 107, Condition B
VSWR 1.06 + .01f(GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
Insertion Loss (dB MAX) .04 √f (GHz)	Insertion (MAX Lbs) 3.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -(100-f(GHz))	Withdrawal (MIN Oz) 1.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 333	Force to Engage and Disengage (In/Lbs MAX) 2.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Center Contact Captivation	
Contact Resistance (Milliohms MAX) Center Contact 10.0	Axial (Lbs) 6.0	
Outer Contact 2.0	Radial (In/Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 667	Weight (Grams) TBD	
LR.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT EXT. BUSHING	IRON-NICKEL-COBALT ALLOY PER MIL-I-23011 CLASS 1 (KOVAR)	GOLD PLATE PER MIL-G-45204
GASKET	CONDUCTIVE ELASTOMERS PER MIL-G-83528	N/A
HERMETIC SEAL	GLASS BEAD	N/A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY <i>M.M.</i> DATE 7-22-91	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
	CHECKED BY <i>[Signature]</i> 7/24/91	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	APPD BY <i>[Signature]</i> 7/24/91	AMP
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USE ASS'Y PROCEDURE	TITLE OSM 4 HOLE FLANGE MOUNT JACK RECEPTACLE - FIELD REPLACEABLE	
NO. AP. N/A	SIZE B CODE IDENT NO. 26805 2052-3509-02 REV 01_1	
	SCALE 5:1	SHEET 1 OF 1