



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

RECOMMENDED MOUNTING HOLE

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

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-1-23011 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

FRAC.	DEC.	ANGLES
± 1/64	±.005	± °

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DRAWN BY *M.M.* DATE 7-22-91  
 CHECKED BY *[Signature]* 7/24/91  
 APP'D BY *[Signature]* 7/24/91

USE ASS'Y PROCEDURE  
NO. AP. N/A

AMP Incorporated  
140 Fourth Avenue  
Waltham, MA 02451-7599

TITLE  
OSM 4 HOLE FLANGE MOUNT JACK  
RECEPTACLE - FIELD REPLACEABLE

SIZE B	CODE IDENT NO. 26805	2052-3509-02	REV 01_1
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