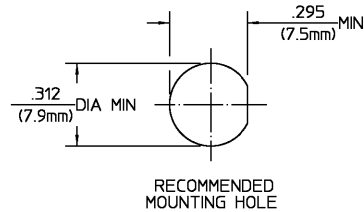


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	RELEASED	3/10/95	<i>D. Comella</i>



DESIGN CONTROL REQUIRED

HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT EXT.	IRON-NICKEL ALLOY PER ASTM-F-30	NICKEL PLATE PER QQ-N-290
O-RING	EPM PER ASTM-D2000-70	N/A
HERMETIC SEAL	GLASS BEAD	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>18.0</u>	Recommended Mating Torque <u>7 to 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>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 + .010 f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition C
Insertion Loss (dB MAX) <u>.15 √f(GHz)</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-90</u>	Center Contact Captivation Axial (Lbs) <u>6.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Radial (In-Oz) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Seal: Hermetic: <u>1 x 10⁻⁷ cc/sec</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>8.0</u>	Weatherproof: <u>30 psi MAX</u>	
Outer Contact <u>4.0</u>	Mounting Seal	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Weight (Grams)	
IR (Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	FRAC. DEC. ANGLES	
$\pm 1/64$ $\pm .005$ $\pm 1^\circ$		
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NO. A.P. <u>N/A</u>		

DRAWN BY <i>D. Comella</i> DATE 3/10/95			
CHECKED BY <i>D. Comella</i>			
APPROVED BY <i>D. Comella</i> 3/10/95			
AMP Incorporated		140 Fourth Avenue Waltham, MA 02451-7599	
TITLE OSM BULKHEAD FEEDTHRU JACK TO JACK ADAPTER HERMETICALLY SEALED			
SIZE B	CODE IDENT NO. 26805	1250-1753-10	REV 01
SCALE 3 : 1		SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1046275-1
SHEET 1 OF 1 REV A