



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₀	PART NO WAS 4562-0000-00 PER ECN 84-0476	LR 8/16/84	D.CAM
02 ₁	REDRAWN ON CAD PER ECN 88-0678	BME 2/7/90	BB 2/9/90

+.003
 -.000
 .067 DIA HOLE
 (1.7mm)
 TYP (5 PLACES)

RECOMMENDED MOUNTING HOLE DIMENSIONS (P.C.B.)

NOTES:
 1. CAPTURED CENTER CONTACT

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457, MIL-P-19468, AND FED. SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
"O" - RING	NITRILE (BUNA-N) PER MIL-P-25732	N/A
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions per <u>DESC spec 85701</u>	Temperature Rating <u>-65°C to +125°C</u>
Frequency Range (GHz) <u>DC-18</u>	Recommended Mating Torque <u>N/A</u>	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) <u>500 @ Sea level</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock - MIL-STD-202, Method 213, Condition I
VSWR <u>N/A</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal shock MIL-STD-202, Method 107 Test Condition B
Insertion Loss (dB MAX) <u>N/A</u>	Connector Engagement and Disengagement (In/Lbs MAX) <u>N/A</u>	Except High Temp 115°C
RF Leakage (dB MIN) <u>-(90-F(GHz))</u> (Interface only, fully mated)	Center Contact Captivation Axial <u>6 Lbs</u>	Moisture Resistance - MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>335</u>	Cable Retention Axial Force <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) <u>1000</u>	Torque <u>N/A</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Weight (Grams) _____	
Outer Contact <u>2.0</u>		
RF High Potential (VRMS MIN @ 5 MHz) <u>1000</u>		
LR.(Megohms) <u>5000 MIN</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	± .005	± °

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DRAWN BY JDP DATE 2-9-83
 CHECKED BY T.SCANNELLI 9/29/83
 APP'D BY T.SCANNELLI 9/29/83

USE ASS'Y PROCEDURE

NO. AP. N/A

AMP
 AMP Incorporated
 140 Fourth Avenue
 Waltham, MA 02451-7599

TITLE OSP PRINTED CIRCUIT BOARD PLUG RECEPTACLE - STRAIGHT TERMINAL

SIZE <u>B</u>	CODE IDENT NO. <u>26805</u>	<u>4563-0000-00</u>	REV <u>02₁</u>
SCALE <u>5:1</u>			SHEET 1 OF 1