

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
B		PER EC 0U20-0262-01	10/19/01	C. Hoang
D		PER EC 0S14-0146-02	GV 21MAY03	JGH

Side View Dimensions:

- Overall Length: .500 (12.7mm)
- Length to Center: .343 (8.7mm)
- Length to Mounting Surface: .155 REF (4.0mm)

Top View Dimensions:

- Footprint: .250 SQ (6.3mm)
- Center Hole: .050 DIA (1.3mm)
- Mounting Holes: .040 SQ TYP (1.0mm) (4 PLACES)
- Spacing: .200 TYP (5.1mm)

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

NOTES:

1. CAPTURED CENTER CONTACT

COMPONENT	MATERIAL	FINISH
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	BRASS PER ASTM B 16	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
"O" - RING	FLOUROSILOCONE PER-MIL-R-25988, CLASS 1, TYPE 1	N/A

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:	Shock - MIL-STD-202, Method 213, Condition I
VSWR <u>N/A</u>	Insertion (MAX Lbs) <u>N/A</u>	Thermal shock MIL-STD-202, Method 107 Test Condition B
Insertion Loss (dB MAX) <u>N/A</u>	Withdrawal (MIN Oz) <u>N/A</u>	EXCEPT HIGH TEMP 115°C
RF Leakage (dB MIN) <u><90-F(GHz)</u>	Connector Engagement and Disengagement (In/Lbs MAX) <u>N/A</u>	Moisture Resistance - MIL-STD-202, Method 106
(Interface only, fully mated)	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>335</u>	Axial <u>6 Lbs</u>	
Dielectric Withstanding Voltage (VRMS MIN) <u>1000</u>	Radial <u>None</u>	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact <u>2.0</u>	Axial Force <u>N/A</u>	
Outer Contact <u>2.0</u>	Torque <u>N/A</u>	
RF High Potential (VRMS MIN @ 5 MHz) <u>1000</u>	Weight (Grams)	
I.R.(Megohms) <u>5000 MIN</u>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES + 1/64 + .005 + 1°	DRAWN BY <u>JDP</u> DATE <u>2-9-83</u> CHECKED BY <u>T.SCANNELLI</u> 9/29/83 APP'D BY <u>T.SCANNELLI</u> 9/29/83		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	USE ASS'Y PROCEDURE			TITLE <u>DSP PRINTED CIRCUIT BOARD PLUG RECEPTACLE - STRAIGHT TERMINAL</u>
	NO. A.P. <u>N/A</u>			
SIZE <u>B</u> CODE IDENT NO. <u>26805</u>		4563-0000-00 REV <u>02₁</u>		
SCALE <u>5:1</u>		SHEET 1 OF 1		

CUSTOMER DRAWING

AMP PART # 1058577-1
SHEET 1 OF 1 REV D

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