

Two-Way Power Divider 750 - 1500 MHz

DS-331

Features

- 2° dB Phase Balance Typical
- 20 dB Typical Midband Isolation
- 1.5:1 Typical Midband VSWR, Input

Guaranteed Specifications* (From -55°C to +85°C)

Frequency Range	750 - 1500 MHz
Insertion Loss (Less coupling)	0.4 dB Max
Isolation	10 dB Min
Amplitude Balance	0.2 dB Max
Phase Balance	6° Max
VSWR (All Ports)	
Input	1.7:1 Max
Output	1.3:1 Max

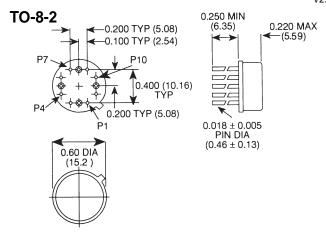
Operating Characteristics

Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	1 Watt Max
Internal Load Dissipation	0.1 Watt Max
Environmental MIL-STD-202 available.	
Pin Configuration	Σ;P5 Output C; P9, Output D; P1 Pins P2, P4, P6 & P8 are ground.

^{*}All specifications apply with 50 ohm source and load impedance.

Ordering Information

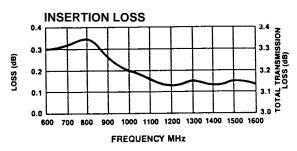
Part No.	Package
DS-331	TO-8-2

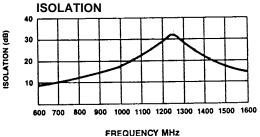


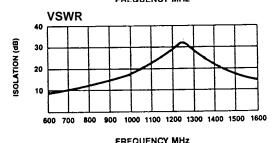
Bottom of Case is AC Ground

Dimensions in () are in mm. Unless Otherwise Noted: $.xxx = \pm 0.010$ ($.xx = \pm 0.25$) $.xx = \pm 0.02$ ($.x = \pm 0.5$)

Typical Performance







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S5 2 2111 8087 Connecting

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