

Two-Way Power Divider 750 - 1500 MHz

DS-331

V2.00

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

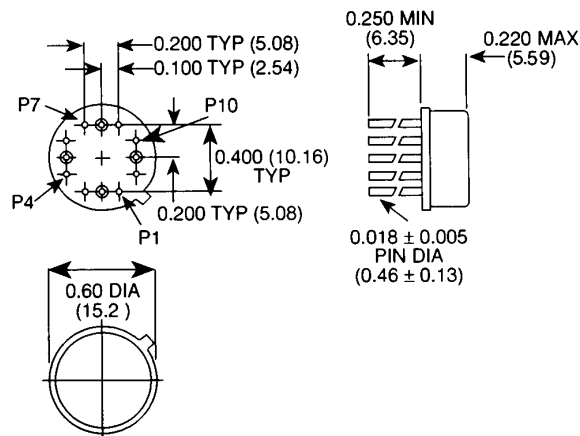
Operating Characteristics

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

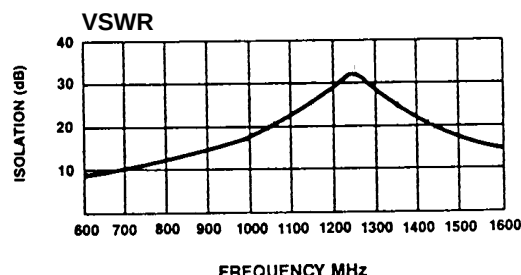
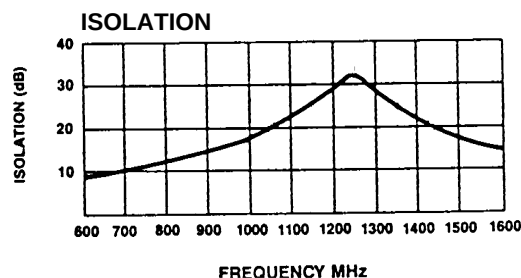
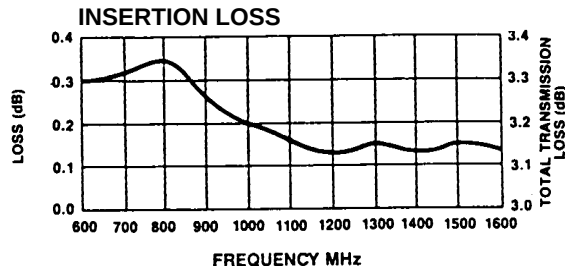
Part No.	Connectors
DS-331	Pin



Bottom of Case is AC Ground

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

Typical Performance



Specifications Subject to Change Without Notice.

M/A-COM, Inc.

North America: Tel. (800) 366-2266 ■ Asia/Pacific: Tel. +81 (03) 3226-1671 ■ Europe: Tel. +44 (1344) 869 595
Fax (800) 618-8883 Fax +81 (03) 3226-1451 Fax +44 (1344) 300 020