

# 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

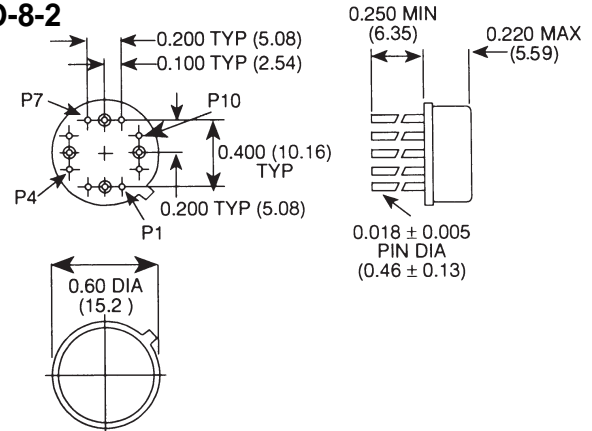
Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	1 Watt Max
Internal Load Dissipation	0.1 Watt Max
Environmental MIL-STD-202 available.	
Pin Configuration	Σ; P5 Output C; P9, Output D; P1 Pins P2, P4, P6 & P8 are ground.

\*All specifications apply with 50 ohm source and load impedance.

## Ordering Information

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

## TO-8-2



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

