

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

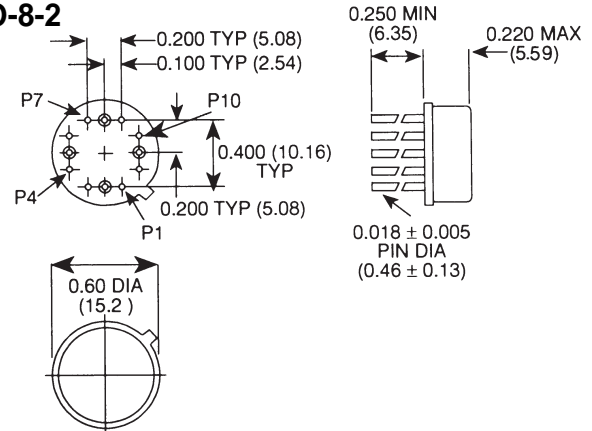
| | |
|--------------------------------------|---|
| Impedance | 50 Ohms Nominal |
| Maximum Power Rating or Input Power | 1 Watt Max |
| Internal Load Dissipation | 0.1 Watt Max |
| Environmental MIL-STD-202 available. | |
| Pin Configuration | Σ; P5 Output C; P9, Output D; P1 Pins P2, P4, P6 & P8 are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

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

Ordering Information

| | |
|--------------------|-------------------|
| Part No. DS-331 | Package 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

