

# Three-Way Power Divider

## 3 - 700 MHz

DS-328

V2.00

### Features

- 0.4 dB Typical Midband Insertion Loss
- 28 dB Typical Midband Isolation
- 1.2:1 Typical Input VSWR

### Guaranteed Specifications\*

(From -55°C to +85°C)

| Frequency Range                       | 3-700 MHz                 |
|---------------------------------------|---------------------------|
| <b>Insertion Loss (Less coupling)</b> | 0.70 dB Max<br>1.0 dB Max |
| <b>Isolation</b>                      | 20 dB Min                 |
| <b>Amplitude Balance</b>              | 0.25 dB Max<br>0.4 dB Max |
| <b>Phase Balance</b>                  | 3° Max<br>4° Max          |
| <b>VSWR (All Ports)</b>               | 1.3:1 Max<br>1.5:1 Max    |

### Operating Characteristics

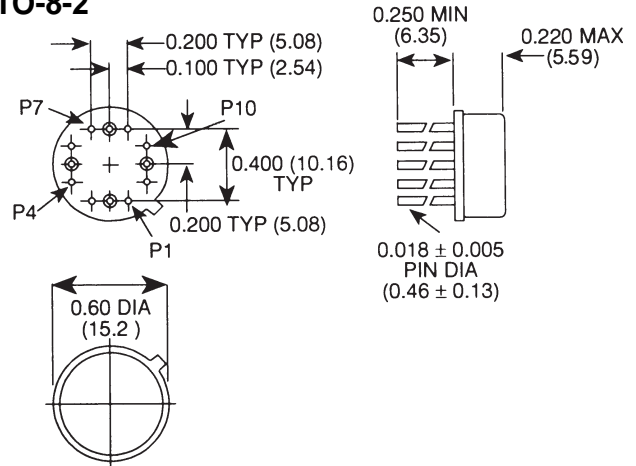
|  |                                    |
|--|------------------------------------|
| <b>Impedance</b>                           | 50 Ohms Nominal                    |
| <b>Maximum Power Rating or Input Power</b> | 1.0 Watt Max                       |
| <b>Internal Load Dissipation</b>           | 0.125 Watt Max                     |
| <b>Environmental</b>                       | MIL-STD-202 screening available.   |
| <b>Pin Configuration</b>                   | DS-328 IN;P11, Outputs, P2, P5, P8 |

\*All specifications apply with 50 ohm source and load impedance. This product contains elements protected by United States Patent Number 3,428,920.

### Ordering Information

| Model No.  | Package |
|------------|---------|
| DS-328 PIN | TO-8-2  |

### TO-8-2



### Typical Performance

