

# **Flatpack Two-Way Power Divider** 5 - 1000 MHz

#### **Features**

- Broadband, IN Phase Divider
- Low Loss 0.3 dB Typical
- Amplitude Balance 0.05 dB Typical

### **Guaranteed Specifications \***

(From  $-55^{\circ}C$  to  $+85^{\circ}C$ )

Frequency Range		5-1000 MHz
Insertion Loss (Less coupling)	5-500 MHz 500-1000 MHz	0.5 dB Max 1.0 dB Max
Isolation	5-500 MHz 500-1000 MHz	25 dB Min 20 dB Min
Amplitude Balance	5-1000 MHz	0.2 dB Max
Phase Balance	5-500 MHz 500-1000 MHz	2° Max 3° Max
VSWR (All Ports)	10-500 MHz 5-1000 MHz	1.3:1 Max 1.5:1 Max

#### **Operating Characteristics**

Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	1 Watt Max
Internal Load Dissipation	0.05 Watt Max
Environmental MIL-STD-883 screening ava	ilable.
Pin Configuration	<b>Σ</b> ; P1, Output 'C'; P4,
	Output 'D'; P8
	Case and all other pins ground.

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

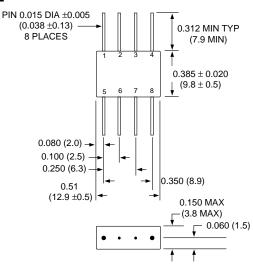
#### **Ordering Information**

Model No.

DS-327 PIN

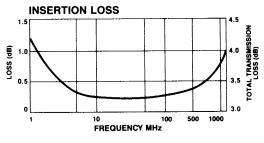
#### Package Flatpack

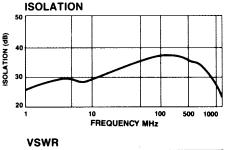


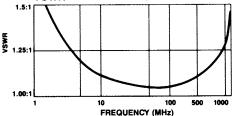


Dimensions in () are in mm. Unless Otherwise Noted:  $.xxx = \pm 0.010$  ( $.xx = \pm 0.25$ )  $.xx = \pm 0.02 (.x = \pm 0.5)$ WEIGHT (APPROX.): 0.09 OUNCES 2.5 GRAMS

## **Typical Performance**







Specifications Subject to Change Without Notice.

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V2.00