

# Surface Mount Two-Way Power Divider

## 5 - 1000 MHz

**DSS-327**

V2.00

### Features

- Fully Hermetic Package
- Low Loss – 0.3 dB Typical
- Amplitude Balance – 0.05 dB Typical

### Guaranteed Specifications\* (From -55°C to +85°C)

Frequency Range	5-1000 MHz	
Insertion Loss (Less coupling)	5-500 MHz	0.5 dB Max
	500-1000 MHz	1.0 dB Max
Isolation	5-500 MHz	20 dB Min
	500-1000 MHz	16 dB Min
Amplitude Balance	5-1000 MHz	0.3 dB Max
Phase Balance	5-500 MHz	2° Max
	500-1000 MHz	3° Max
VSWR (All Ports)	5-500 MHz	1.4:1 Max
	500-1000 MHz	1.6:1 Max

### Operating Characteristics

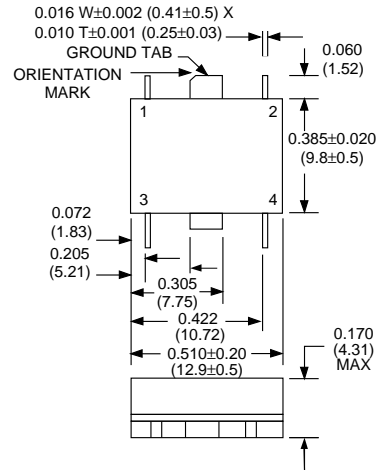
Impedance	50 Ohms Nominal
Maximum Power Rating Or Input Power	1 Watt Max
Internal Load Dissipation	0.05 Watt Max
Environmental MIL-STD-202 screening available.	
Pin Configuration	Σ; P1, Output 'C'; P2, Output 'D'; P4, P3 & Case ground.

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

### Ordering Information

<b>Model No.</b>	<b>Package</b>
DS-327 PIN	Surface Mount

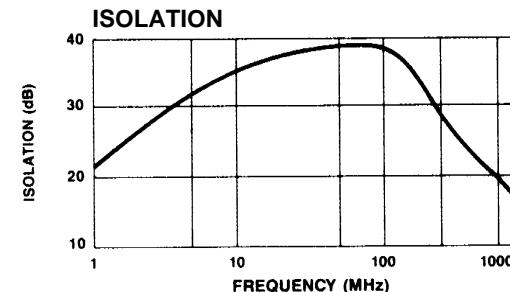
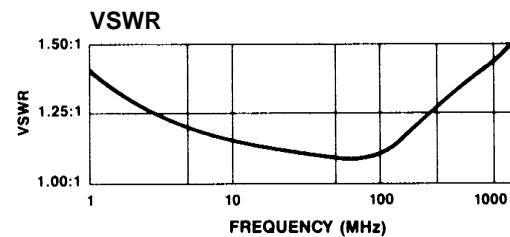
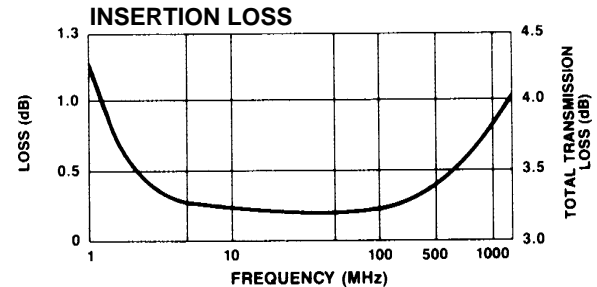
### SF-1



Dimensions in ( ) are in mm.

Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)  
WEIGHT (APPROX.): 0.07 OUNCES 2 GRAMS

### Typical Performance



Specifications Subject to Change Without Notice.

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