

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

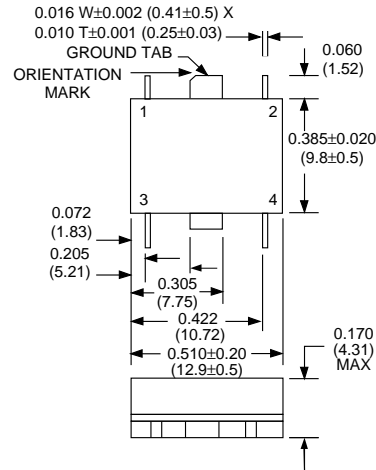
| | |
|---|--|
| Impedance | 50 Ohms Nominal |
| Maximum Power Rating Or Input Power | 1 Watt Max |
| Internal Load Dissipation | 0.05 Watt Max |
| Environmental MIL-STD-202 screening available. | |
| Pin Configuration | Σ; P1, Output 'C'; P2, Output 'D'; P4, P3 & Case ground. |

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

Ordering Information

| | |
|------------------|----------------|
| Model No. | Package |
| DS-327 PIN | Surface Mount |

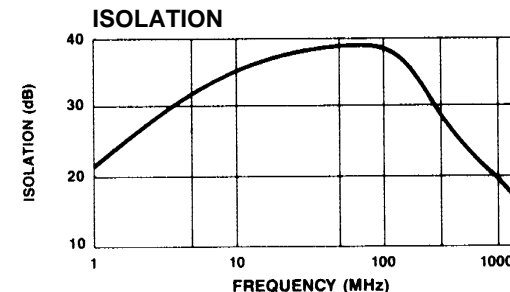
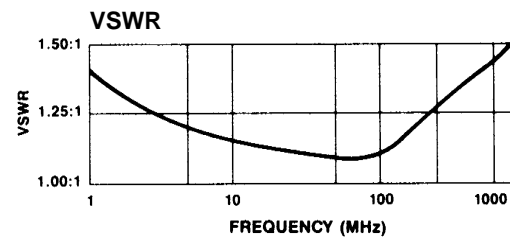
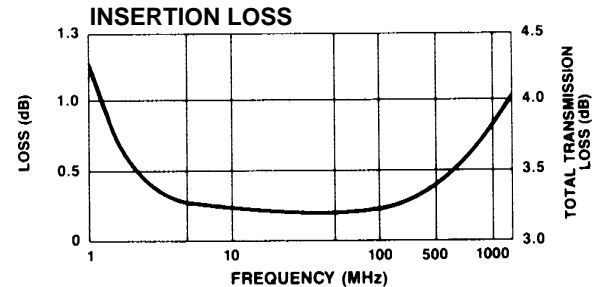
SF-1



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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