Flatpack Two-Way Power Divider
5 - 1000 MHz

DS-327

V2.00

Features

- Broadband, IN Phase Divider
- 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	25 dB Min
	500-1000 MHz	20 dB Min
Amplitude Balance	5-1000 MHz	0.2 dB Max
Phase Balance	5-500 MHz	2° Max
	500-1000 MHz	3° Max
VSWR (All Ports)	10-500 MHz	1.3:1 Max
	5-1000 MHz	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 available.

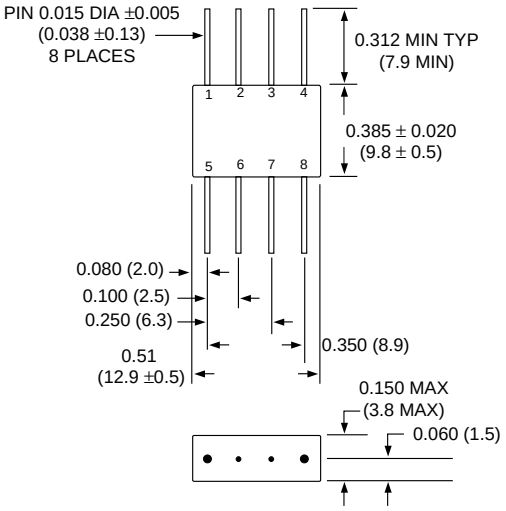
Pin Configuration Σ; P1, Output 'C'; P4, Output 'D'; P8 Case and all other pins ground.

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

Ordering Information

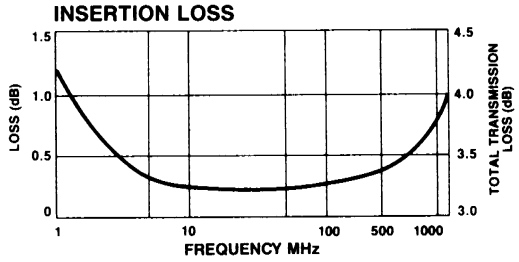
Model No.	Package
DS-327 PIN	Flatpack

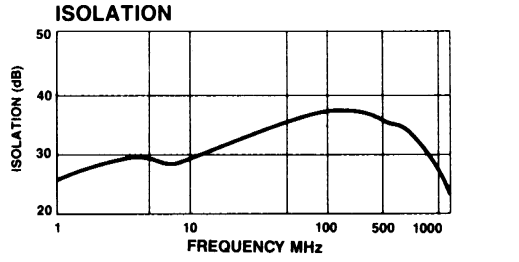
FP-2

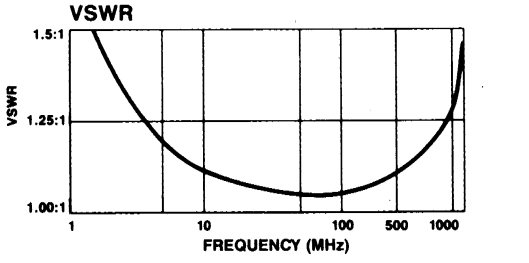


Dimensions in ( ) are in mm.
Unless Otherwise Noted: .xxx = ± 0.010 (.xx = ± 0.25)
.xx = ± 0.02 (.x = ± 0.5)
WEIGHT (APPROX.): 0.09 OUNCES 2.5 GRAMS

Typical Performance







Specifications Subject to Change Without Notice.

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