

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	5-500 MHz 0.5 dB Max
(Less coupling)	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.

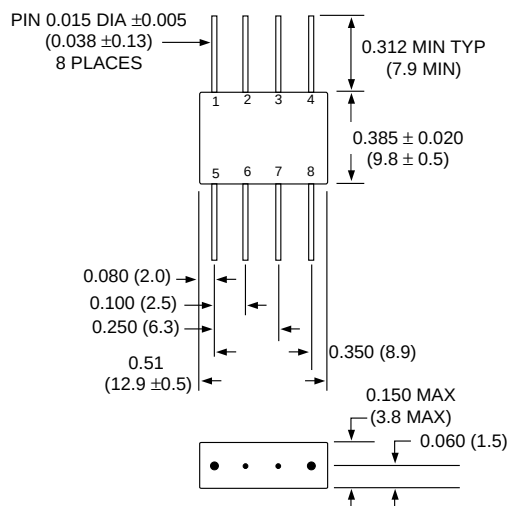
Pin Configuration Σ ; P1, Output 'C'; P4,
Output 'D'; P8
Case and all other pins ground.

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

Ordering Information

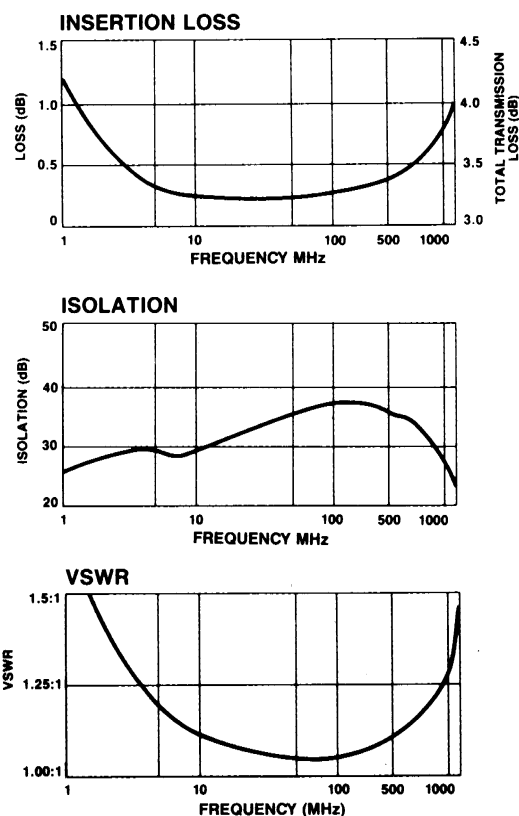
Model No.	Package
DS-327 PIN	Flatpack

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



M/A-COM, Inc.

Specifications Subject to Change Without Notice.

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