

Flatpack Three-Way Power Divider 25 - 1000 MHz

DS-323

V2.00

Features

- 0.4 dB Typical Midband Insertion Loss
- 35 dB Typical Midband Isolation
- 1.2:1 Typical Input VSWR

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

Frequency Range	25-1000 MHz		
Insertion Loss (Less coupling)	25-200 MHz	0.5 dB Max	
	200-1000 MHz	1.0 dB Max	
Isolation	25-50 MHz	15 dB Min	
	50-200 MHz	22 dB Min	
	200-1000 MHz	24 dB Min	
Amplitude Balance	25-200 MHz	0.25 dB Max	
	200-1000 MHz	0.4 dB Max	
Phase Balance	25-200 MHz	2° Max	
	200-1000 MHz	4° Max	
VSWR	Input	25-1000 MHz	1.4:1 Max
		25-50 MHz	1.9:1 Max
	Output	50-200 MHz	1.7:1 Max
		200-1000 MHz	1.5:1 Max

Operating Characteristics

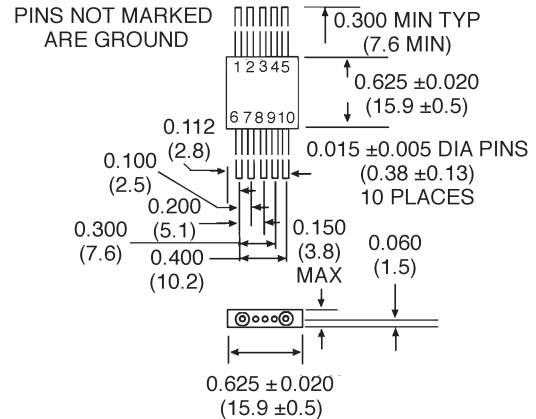
Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	1.0 Watt Max
Internal Load Dissipation	0.05 Watt Max
Environmental	
MIL-STD-202 screening available.	
Pin Configuration	IN; P3, Outputs P6, P8 & P10 Case and all other pins are ground.

* All specifications apply with 50 ohm source and load impedance.
This product contains elements protected by United States Patent
Number 3,428,920.

Ordering Information

Model No.	Package
DS-323 PIN	Flatpack

FP-3



Dimensions in () are in mm.
Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)
.xx = ±0.02 (.x = ±0.5)
WEIGHT (APPROX.): 0.12 OUNCES 3.4 GRAMS

Typical Performance

