

# Flatpack Four-Way Power Divider

## 25 - 1000 MHz

DS-324

V2.00

### Features

- 0.5 dB Typical Midband Insertion Loss
- 38 dB Typical Midband Isolation
- 1.2:1 Typical Midband VSWR

### Guaranteed Specifications<sup>1</sup> (from -55°C to +85°C)

Frequency Range	25-1000 MHz	
Insertion Loss	25-500 MHz	0.75 dB Max
	(Less Coupling) 25-1000 MHz	1.0 dB Max
Isolation	25-1000 MHz	20 dB Min
Amplitude Balance	25-1000 MHz	0.25 dB Max
Phase Balance	25-500 MHz	3° Max
	500-1000 MHz	6° Max
VSWR (All Ports)		
In	1.3:1 Max	
Out	1.4:1 Max	

### Operating Characteristics

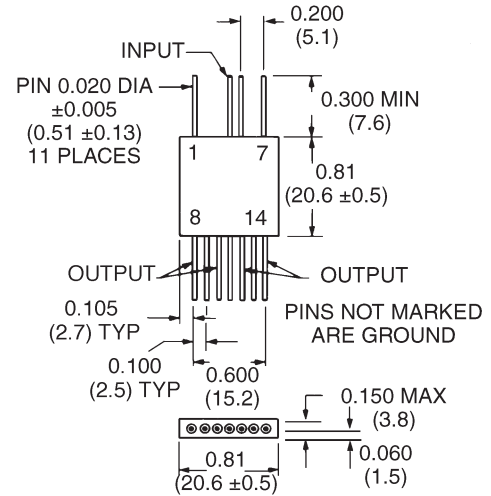
Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	1.0 Watt Max
Internal Load Dissipation	0.05 Watt Max
Environmental MIL-STD-883 screening available.	
Pin Configuration	IN; P4 Outputs; P8, P10, P12 & P14 All other pins and case are ground

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

### Ordering Information

<b>Model Number</b>	<b>Package</b>
DS-324 PIN	Flatpack

### FP-5



Dimensions in ( ) are in mm.  
Unless Otherwise Noted: .xxx = ± 0.010 (.xx = ± 0.25)  
.xx = ± 0.02 (.x = ± 0.5)  
Weight (approx.): 0.21 ounces 6 grams

### Typical Performance

