

# Flatpack Three-Way Power Divider 25 - 1000 MHz

## Features

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

#### **Guaranteed Specifications\***

#### (From $-55^{\circ}C$ to $+85^{\circ}C$ )

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

#### **Operating Characteristics**

Impedance	50 Ohms Nominal	
Maximum Power Ratin or Input Power	g 1.0 Watt Max	
Internal Load Dissipati	on 0.05 Watt Max	
Environmental		
MIL-STD-202 screening ava	ailable.	
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.

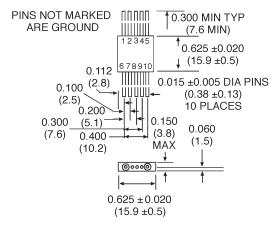
### **Ordering Information**

www.macom.com

Model N	0.	Раскаде	
DS-323	PIN	Flatpack	

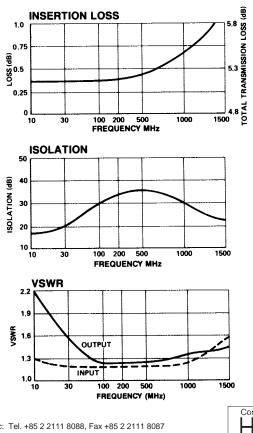
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#### FP-3



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

# **Typical Performance**



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DS-323

V2.00