

E-Series 2-Way 0° Power Divider

5 - 1000 MHz

ESSM-2-2-75

V3.00

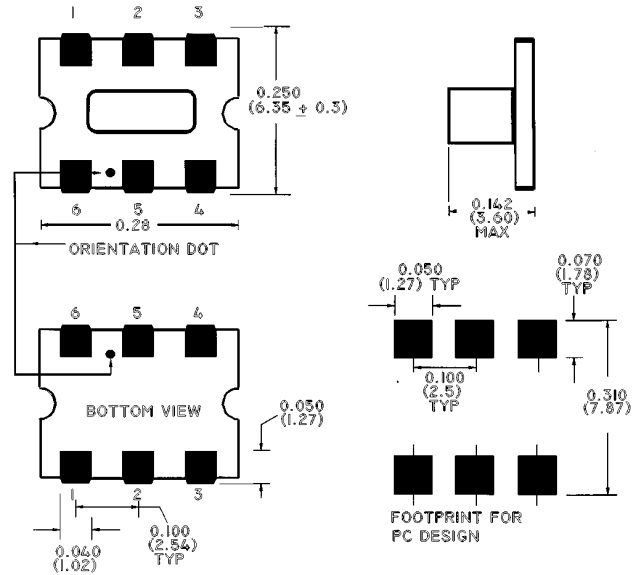
Features

- 2 Way
- 0°
- Surface Mount

Specifications @ 25°C

Frequency Range	5 - 1000 MHz		
Insertion Loss	Typical	Maximum	
	5 - 50 MHz	0.6 dB	1.2 dB
	50 - 500 MHz	0.5 dB	0.9 dB
	500 - 1000 MHz	0.8 dB	1.5 dB
Isolation	Typical	Minimum	
	5 - 50 MHz	33 dB	20 dB
	50 - 500 MHz	30 dB	17 dB
	500 - 1000 MHz	18 dB	11 dB
Amplitude Unbalance	Maximum		
	5 - 50 MHz	0.6 dB	
	50 - 500 MHz	0.5 dB	
	500 - 1000 MHz	0.5 dB	
Phase Unbalance	Maximum		
	5 - 50 MHz	5°	
	50 - 500 MHz	3°	
	500 - 1000 MHz	6°	
Return Loss	Typical	Minimum	
	I/P	30 dB	14 dB
	O/P	20 dB	11 dB

SM-55



Dimensions in () are in mm.
Unless Otherwise Noted: .x = ±0.04 (1.00)
.xx = ±0.02 (0.50)
.xxx = ±0.010 (0.250)

Operating Characteristics

Impedance	75 Ohms Nominal
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Ordering Information

Part No.	Packaging
ESSM-2-2-75	Tube

Absolute Maximum Ratings

Parameter	Absolute Maximum
Maximum Power Rating	1 Watt
Internal Load Dissipation	0.125 Watt
Pin Temp (10 sec)	260°C
Storage Temperature	-55°C to 100°C

Pin Configuration

Function	Pin No.
Not Connected	5,2
Ground	1
Input	6
Port 1	4
Port 2	3

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Specifications Subject to Change Without Notice.

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