

# E-Series 3-Way 0° Power Divider

## 5 - 500 MHz

### ESSM-3-1W

V3.00

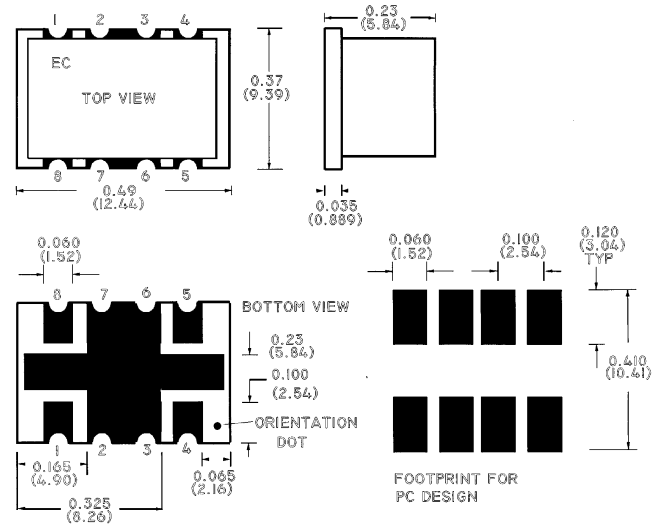
#### Features

- 3 Way
- 0°
- Surface Mount

#### Specifications @ 25°C

Frequency Range	5 - 500 MHz		
Insertion Loss	Typical	Maximum	
	5 - 50 MHz	0.4 dB	0.8 dB
	50 - 250 MHz	0.6 dB	1.4 dB
	250 - 500 MHz	1 dB	1.75 dB
Isolation	Typical	Minimum	
	5 - 50 MHz	25 dB	20 dB
	50 - 250 MHz	22 dB	15 dB
	250 - 500 MHz	18 dB	15 dB
Amplitude Unbalance	Maximum		
	5 - 50 MHz	0.1 dB	
	50 - 250 MHz	0.4 dB	
	250 - 500 MHz	0.9 dB	
Phase Unbalance	Maximum		
	5 - 50 MHz	2°	
	50 - 250 MHz	3°	
	250 - 500 MHz	6°	

#### SM-4



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	50 Ohms Nominal
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#### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
ESSM-3-1W	Tube
ESSM-3-1WTR	Forward Tape & Reel

#### 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.
Ground	2,3,6,7
Input	8
Port 1	5
Port 2	4
Port 3	1

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Specifications Subject to Change Without Notice.

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