

# 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

### Operating Characteristics

Impedance	75 Ohms Nominal
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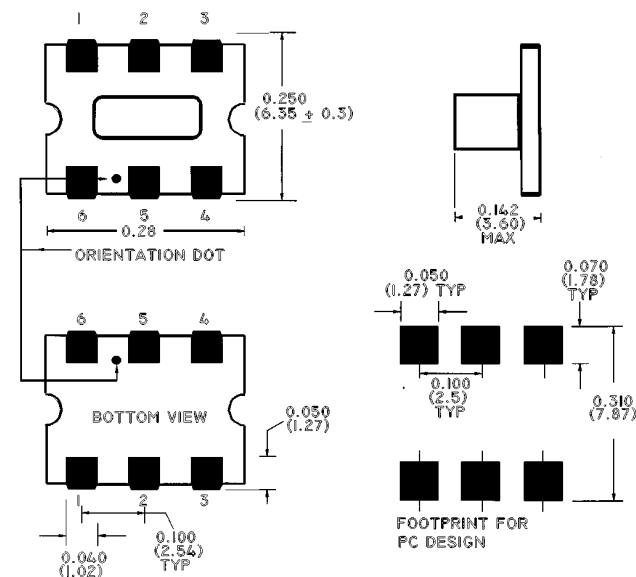
### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
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

### 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)

### Pin Configuration

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

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