



# E-Series 2-Way 0° Power Divider

## 5 - 1000 MHz

ESSMJ-2-10-75

V3.00

### Features

- 2 Way
- 0°
- Surface Mount

### Specifications @ 25°C

Frequency Range	5 - 1000 MHz	
Insertion Loss	Typical	Maximum
	5 - 50 MHz	0.2 dB / 0.5 dB
	50 - 500 MHz	0.4 dB / 0.8 dB
	500 - 1000 MHz	0.7 dB / 1.3 dB
Isolation	Typical	Minimum
	5 - 50 MHz	26 dB / 20 dB
	50 - 500 MHz	29 dB / 22 dB
	500 - 1000 MHz	22 dB / 16 dB
Amplitude Unbalance	Maximum	
	5 - 50 MHz	0.1 dB
	50 - 500 MHz	0.3 dB
	500 - 1000 MHz	0.7 dB
Phase Unbalance	Maximum	
	5 - 50 MHz	1°
	50 - 500 MHz	3°
	500 - 1000 MHz	5°
Return Loss	Minimum	
	I/P	12 dB
	O/P	15 dB

### Operating Characteristics

Impedance	75 Ohms Nominal
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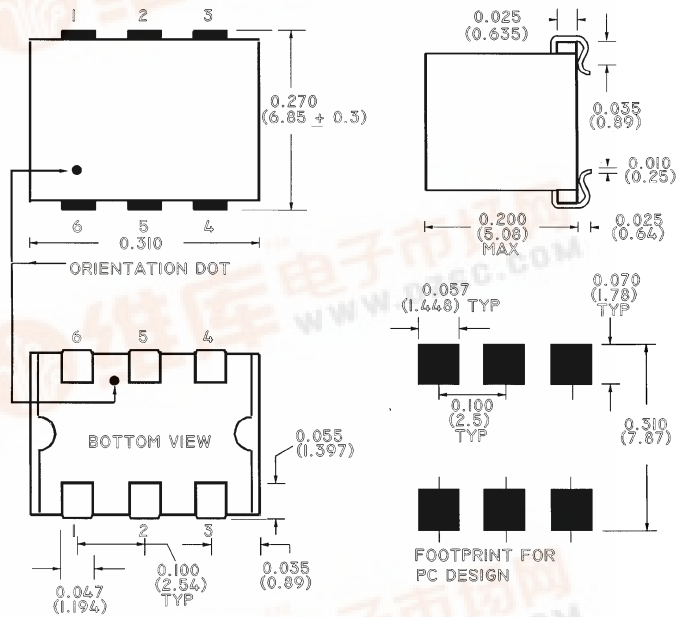
### Ordering Information

Part No.	ESSMJ-2-10-75	Packaging	Tube
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### 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
Operating Temperature	0°C to 70°C

### SM-44



### Pin Configuration

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