

# E-Series 2-Way 0° Power Divider

## 10 - 1000 MHz

**ESML-2-4**

V3.00

### Features

- 2 Way
- 0°
- Surface Mount

### Specifications @ 25°C

Frequency Range	10 - 1000 MHz	
Insertion Loss	Typical	Maximum
10 - 100 MHz	0.3 dB	0.5 dB
100 - 500 MHz	0.5 dB	1.0 dB
500 - 1000 MHz	1.0 dB	1.8 dB
Isolation	Typical	Minimum
10 - 100 MHz	25 dB	20 dB
100 - 500 MHz	17 dB	14 dB
500 - 1000 MHz	15 dB	12 dB
Amplitude Unbalance	Maximum	
10 - 100 MHz	0.15 dB	
100 - 500 MHz	0.3 dB	
500 - 1000 MHz	0.7 dB	
Phase Unbalance	Maximum	
10 - 100 MHz	1°	
100 - 500 MHz	3°	
500 - 1000 MHz	5°	

### Operating Characteristics

Impedance	50 Ohms Nominal
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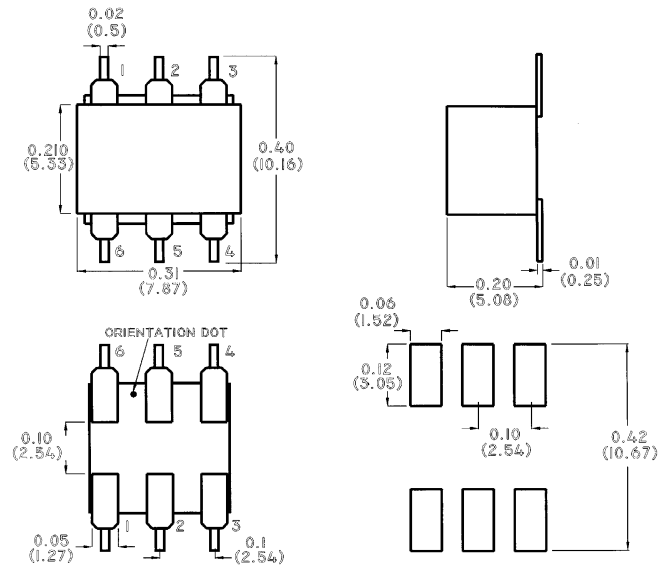
### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
ESML-2-4	Tube
ESML-2-4TR	Forward Tape & Reel

### Absolute Maximum Ratings

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

### SM-24



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
Ground	1,2
Input	6
Port 1	4
Port 2	3

S 0609 D

Specifications Subject to Change Without Notice.

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