



# E-Series 2-Way 0° Power Divider 5 - 500 MHz

ESML-2-1

V3.00

## Features

- 2 Way
- 0°
- Surface Mount

## Specifications @ 25°C

Frequency Range	5 - 500 MHz	
Insertion Loss	Typical	Maximum
	5 - 500 MHz	0.25 dB / 0.5 dB
	50 - 250 MHz	0.3 dB / 0.6 dB
250 - 500 MHz	0.5 dB / 1.0 dB	
Isolation	Typical	Minimum
	5 - 500 MHz	50 dB / 25 dB
	50 - 250 MHz	33 dB / 24 dB
250 - 500 MHz	30 dB / 23 dB	
Amplitude Unbalance	Maximum	
	5 - 500 MHz	0.15 dB
	50 - 250 MHz	0.3 dB
250 - 500 MHz	0.6 dB	
Phase Unbalance	Maximum	
	5 - 500 MHz	1°
	50 - 250 MHz	2°
250 - 500 MHz	5°	

## Operating Characteristics

Impedance	50 Ohms Nominal
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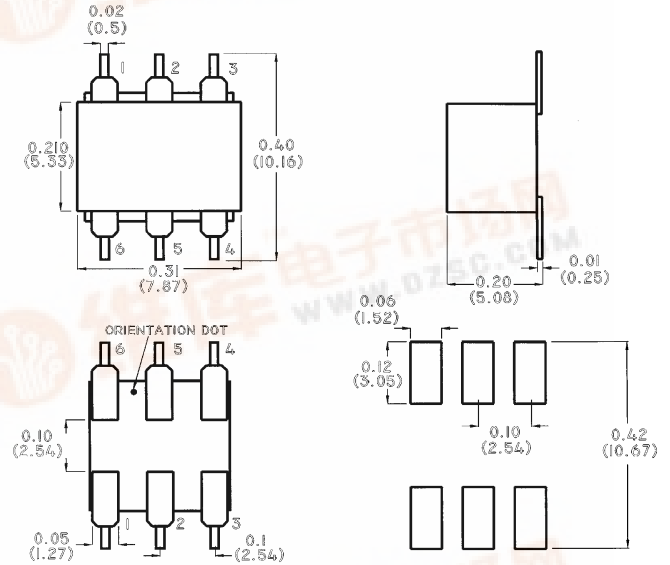
## Ordering Information

<b>Part No.</b>	<b>Packaging</b>
ESML-2-1	Tube
ESML-2-1TR	Forward Tape & Reel

## Absolute Maximum Ratings

Parameter	Absolute Maximum
Maximum Power Rating	1 Watt
Internal Load Dissipation	0.125 Watt
Storage Temperature	260°C
Pin Temperature (10 seconds)	-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	2,5
Ground	1
Input	6
Port 1	4
Port 2	3