



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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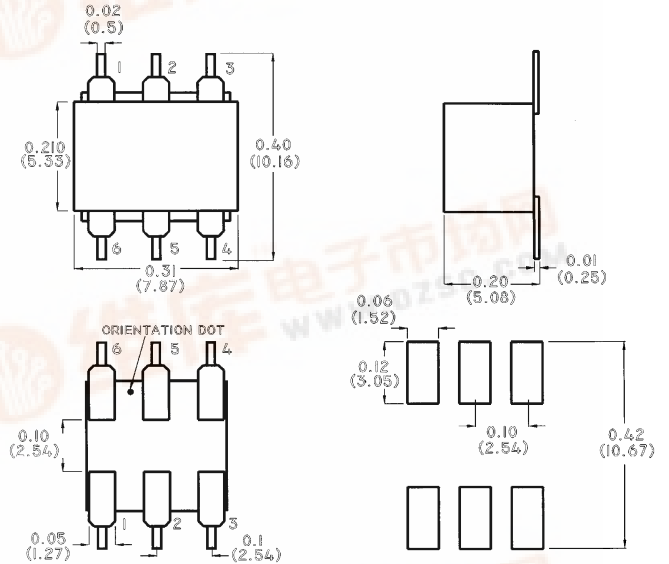
Ordering Information

Part No.	Packaging
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