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

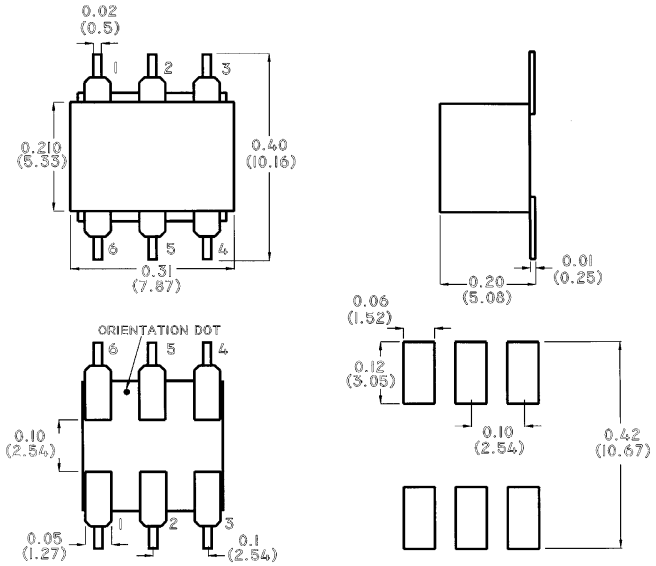
Ordering Information

Part No.	Packaging
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

S 0554 C

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