

E-Series 2-Way 0° Power Divider

0.1 - 400 MHz

ESC-2-1

V3.00

Features

- 2 Way
- 0°
- Surface Mount

Specifications @ 25°C

Frequency Range	0.1 - 400 MHz		
Insertion Loss	Typical	Maximum	
	0.1 - 1 MHz	0.3 dB	1.2 dB
	1 - 200 MHz	0.2 dB	0.6 dB
	200 - 400 MHz	0.4 dB	1.1 dB
Isolation	Typical	Minimum	
	0.1 - 1 MHz	25 dB	15 dB
	1 - 200 MHz	30 dB	20 dB
	200 - 400 MHz	25 dB	20 dB
Amplitude Unbalance	Maximum		
	0.1 - 1 MHz	0.15 dB	
	1 - 200 MHz	0.2 dB	
	200 - 400 MHz	0.3 dB	
Phase Unbalance	Maximum		
	0.1 - 1 MHz	2°	
	1 - 200 MHz	2°	
	200 - 400 MHz	3°	

Operating Characteristics

Impedance	50 Ohms Nominal
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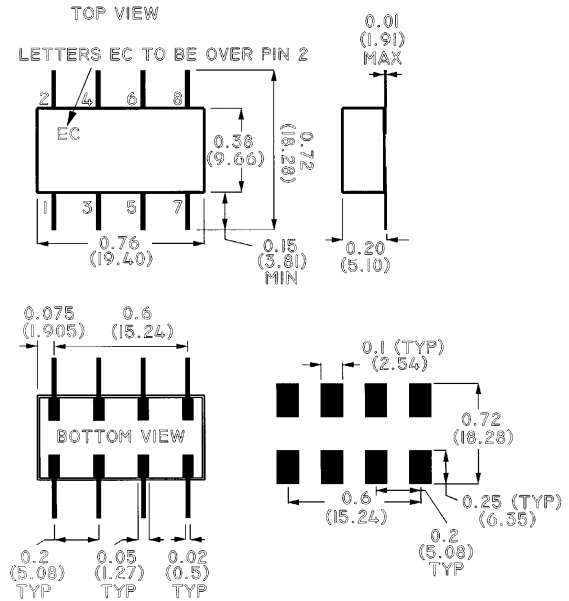
Ordering Information

Part No.	Packaging
ESC-2-1	Tube
ESC-2-1TR	Forward Tape & Reel

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

SM-3



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.
Ground	2,3,4,7,8
Input	1
Port 1	5
Port 2	6

S 0241 B

Specifications Subject to Change Without Notice.

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