

E-Series 2-Way 180° Power Divider

5 - 200 MHz

ESCJ-2-5

V3.00

Features

- 2 Way
- 180°
- Surface Mount

Specifications @ 25°C

Frequency Range	5 - 200 MHz	
Insertion Loss	Typical	Maximum
	5 - 50 MHz	0.7 dB / 1.0 dB
	50 - 100 MHz	1.0 dB / 1.3 dB
	100 - 200 MHz	1.3 dB / 1.8 dB
Isolation	Typical	Minimum
	5 - 200 MHz	20 dB / 17 dB
Amplitude Unbalance	Maximum	
	5 - 50 MHz	0.1 dB
	50 - 100 MHz	0.3 dB
	100 - 200 MHz	0.5 dB
Phase Unbalance	Maximum	
	5 - 50 MHz	1°
	50 - 100 MHz	2°
	100 - 200 MHz	3°

Operating Characteristics

Impedance	50 Ohms Nominal
Output	75 Ohms Unbalanced
Input and Conjugate Port	150 Ohms Balanced

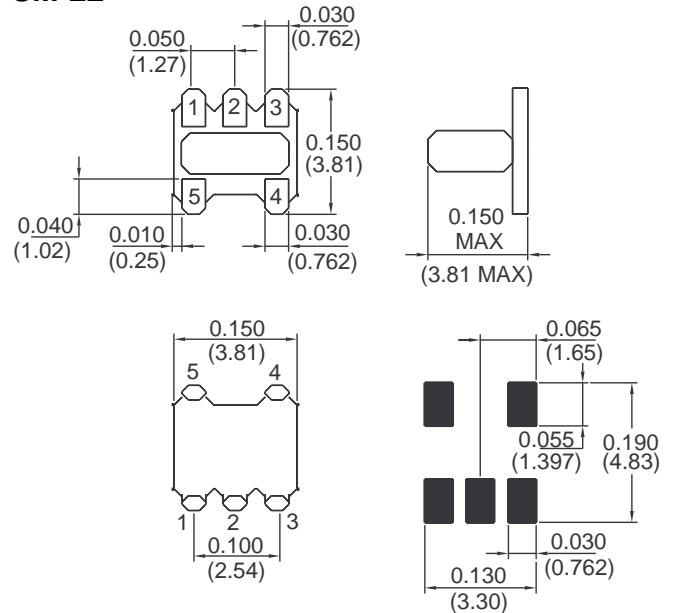
Ordering Information

Part No.	Packaging
ESCJ-2-5	Tube
ESCJ-2-5TR	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-22



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	1,2
Input	3
Port 1	4
Port 2	5

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Specifications Subject to Change Without Notice.

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