

E-Series 2-Way 180° Power Divider

40 - 1000 MHz

ESCJ-2-6

V3.00

Features

- 2 Way
- 180°
- Surface Mount

Specifications @ 25°C

Frequency Range		40 - 1000 MHz
Insertion Loss	Typical	Maximum
40 - 400 MHz	1.0 dB	1.5 dB
400 - 500 MHz	1.2 dB	2.0 dB
500 - 1000 MHz	1.5 dB	3.5 dB
Isolation	Typical	Minimum
40 - 400 MHz	22 dB	19 dB
400 - 500 MHz	21 dB	18 dB
500 - 1000 MHz	20 dB	17 dB
Amplitude Unbalance		Maximum
40 - 400 MHz		0.5 dB
400 - 500 MHz		0.8 dB
500 - 1000 MHz		1.2 dB
Phase Unbalance		Maximum
40 - 400 MHz		5°
400 - 500 MHz		9°
500 - 1000 MHz		14°

Operating Characteristics

Impedance	50 Ohms Nominal
Output	50 Ohms Unbalanced
Input	100 Ohms Balanced

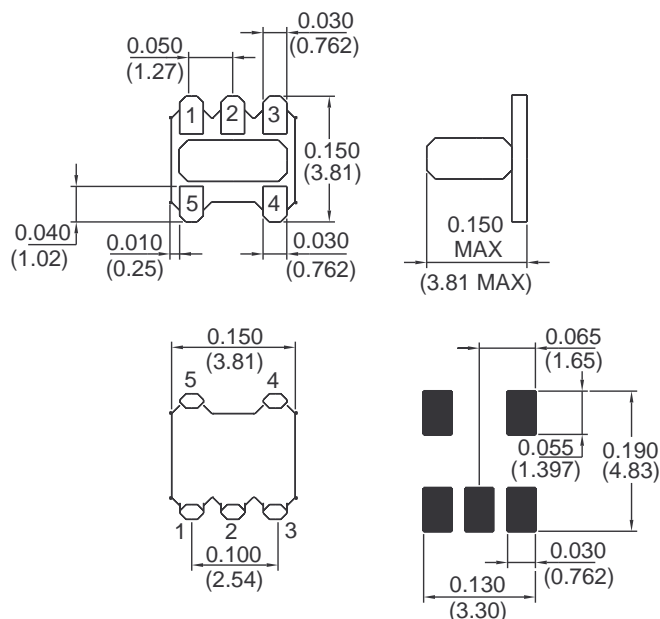
Ordering Information

Part No.	Packaging
ESCJ-2-6	Tube
ESCJ-2-6TR	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	2,5
Input	4
Port 1	3
Port 2	1

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