

# 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

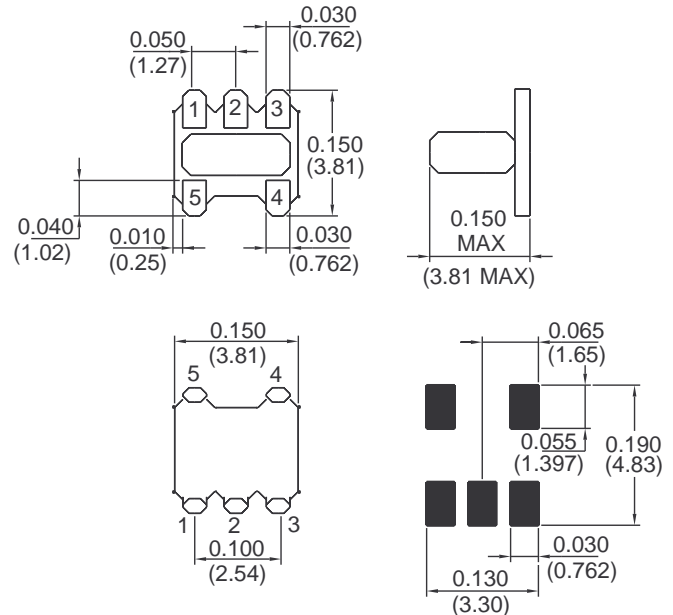
## Ordering Information

<b>Part No.</b>	<b>Packaging</b>
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

S 1042 A

Specifications Subject to Change Without Notice.

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