

# E-Series 4-Way 0° Power Divider

## 5 - 1000 MHz

**ESJ-4-1-75**

V3.00

### Features

- 4 Way
- 0°
- Surface Mount

### Specifications @ 25°C

Frequency Range	5 - 1000 MHz		
Insertion Loss	Typical	Maximum	
	5 - 50 MHz	0.6 dB	0.9 dB
	50 - 500 MHz	0.7 dB	1.2 dB
	500 - 1000 MHz	1.0 dB	2.0 dB
Isolation	Typical	Minimum	
	5 - 50 MHz	30 dB	20 dB
	50 - 500 MHz	30 dB	20 dB
	500 - 1000 MHz	21 dB	13 dB
Amplitude Unbalance	Maximum		
	5 - 50 MHz	0.1 dB	
	50 - 500 MHz	0.3 dB	
	500 - 1000 MHz	0.7 dB	
Phase Unbalance	Maximum		
	5 - 50 MHz	1°	
	50 - 500 MHz	5°	
	500 - 1000 MHz	10°	
Return Loss	Typical	Minimum	
	Input	17 dB	12 dB
	Output	17 dB	14 dB

### Operating Characteristics

Impedance	75 Ohms Nominal
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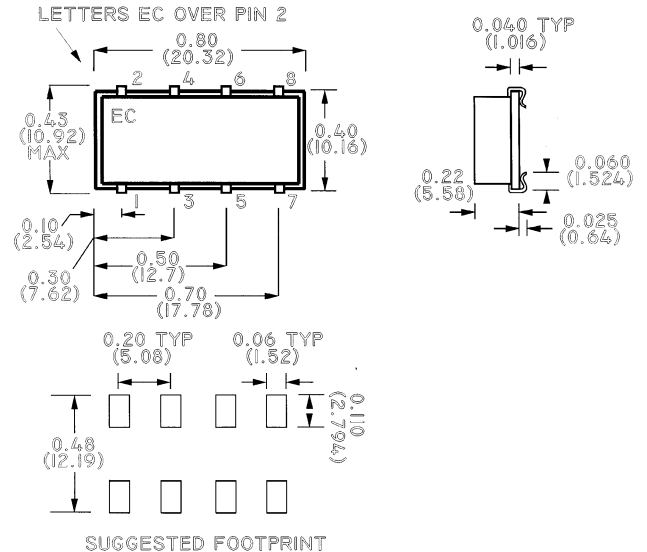
### Ordering Information

<b>Part No.</b>	<b>Packaging</b>
ESJ-4-1-75	Tube
ESJ-4-1-75TR	Forward Tape & Reel

### Absolute Maximum Ratings

Parameter	Absolute Maximum
Maximum Power Rating	1 Watt
Internal Load Dissipation	0.125 Watt
Pin Temperature (10 sec)	260°C
Storage Temperature	-55°C to 100°C

### SM-46



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

Specifications Subject to Change Without Notice.

**M/A-COM, Inc.**

North America: Tel. (800) 366-2266 ■ Asia/Pacific: Tel. +81 (03) 3226-1671 ■ Europe: Tel. +44 (1344) 869 595  
 Fax (800) 618-8883 Fax +81 (03) 3226-1451 Fax +44 (1344) 300 020