E-Series 4-Way 0° Power Divider
5 - 750 MHz

ES-4-7

V3.00

Features

- 4 Way
- 0°
- Surface Mount

Specifications @ 25°C

Frequency Range		5 - 750 MHz
Insertion Loss	Typical	Maximum
5 - 50 MHz	0.5 dB	0.8 dB
50 - 375 MHz	0.7 dB	1.1 dB
375 - 750 MHz	0.8 dB	1.5 dB
Isolation	Typical	Minimum
5 - 50 MHz	35 dB	20 dB
50 - 375 MHz	35 dB	20 dB
375 - 750 MHz	23 dB	15 dB
Amplitude Unbalance		Maximum
5 - 50 MHz		0.1 dB
50 - 375 MHz		0.2 dB
375 - 750 MHz		0.5 dB
Phase Unbalance		Maximum
5 - 50 MHz		1°
50 - 375 MHz		5°
375 - 750 MHz		10°
Input and Output Return Loss		Minimum
		15 dB

Operating Characteristics

Impedance	50 Ohms Nominal

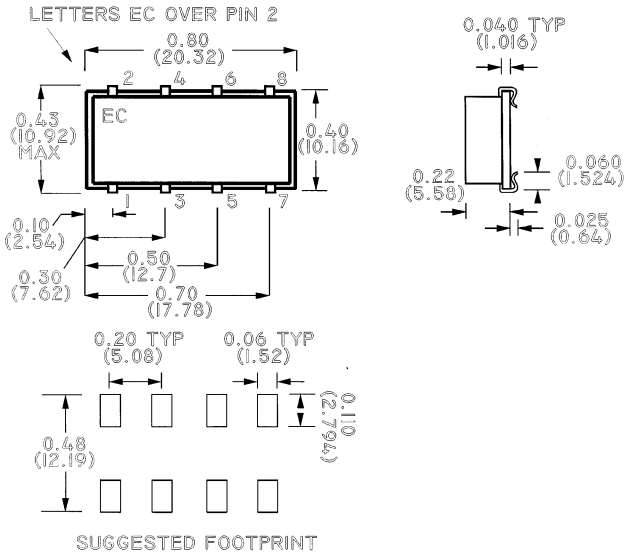
Ordering Information

Part No.	Packaging
ES-3-1X1	Tube
ES-3-1X1TR	Forward Tape and 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
Operating Temperature	0°C to 70°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

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