

# E-Series 3-Way 0° Power Divider

## 5 - 120 MHz

**ESSM-3-1-75**

### Features

- \* 3 Way
- \* 0 Degree
- \* Surface Mount

### Specifications @ 25°C

Frequency Range	5 - 120 MHz	
Insertion Loss	Typical	Maximum
	5 - 50 MHz	0.2 dB / 0.5 dB
	50 - 60 MHz	0.2 dB / 0.5 dB
60 - 120 MHz	0.25 dB / 0.6 dB	
Isolation	Typical	Minimum
	5 - 50 MHz	37 dB / 30 dB
	50 - 60 MHz	40 dB / 35 dB
60 - 120 MHz	36 dB / 28 dB	
Amplitude Unbalance	Maximum	
	5 - 50 MHz	0.1 dB
	50 - 60 MHz	0.1 dB
60 - 120 MHz	0.2 dB	
Phase Unbalance	Maximum	
	5 - 50 MHz	1°
	50 - 60 MHz	1°
60 - 120 MHz	2°	

### Operating Characteristics

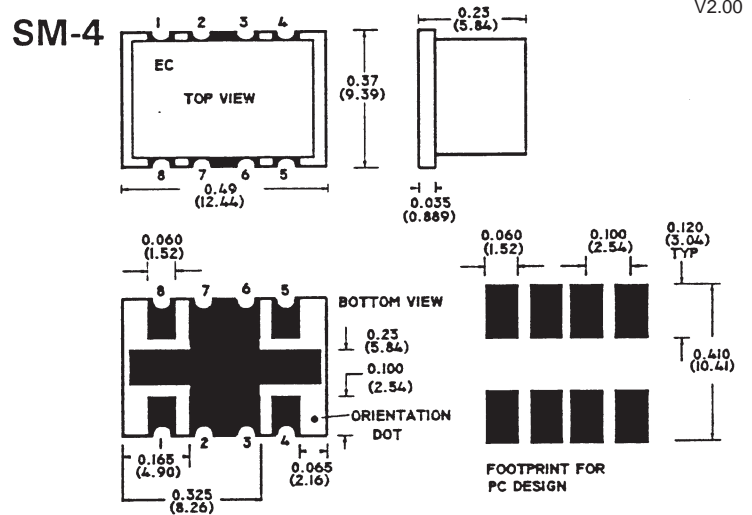
Impedance 75 Ohms Nominal

### 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

### Additional Specifications

I/P RETURN LOSS 34 dB TYP 28dB MIN O/P RETURN LOSS 25 dB TYP 20 dB MIN.



Function	Pin No.
Not Connected	-
External 75 Ohms	-
Ground	2,3,6,7
Case Ground	-
Input	8
Port 1	1
Port 2	4
Port 3	5

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Specifications Subject to Change Without Notice.

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