

E-Series 2-Way 0° Power Divider

5 - 1000 MHz

ESSMJ-2-10-75

V3.00

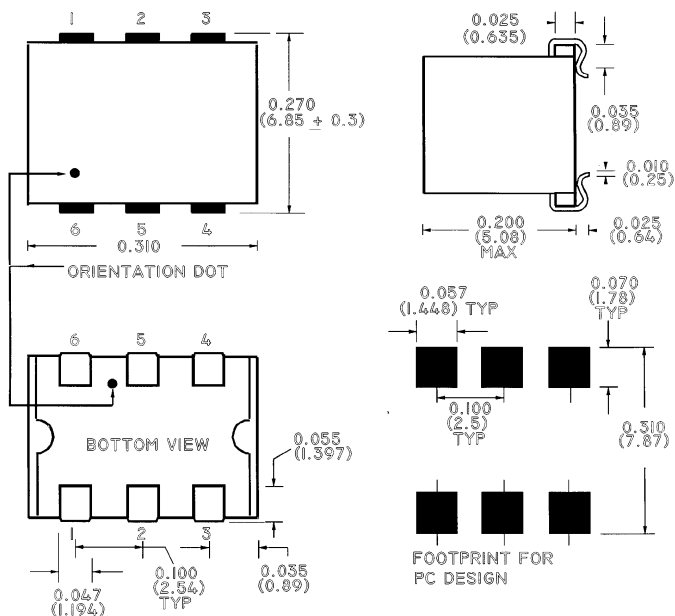
Features

- 2 Way
- 0°
- Surface Mount

Specifications @ 25°C

Frequency Range		5 - 1000 MHz
Insertion Loss	Typical	Maximum
5 - 50 MHz	0.2 dB	0.5 dB
50 - 500 MHz	0.4 dB	0.8 dB
500 - 1000 MHz	0.7 dB	1.3 dB
Isolation	Typical	Minimum
5 - 50 MHz	26 dB	20 dB
50 - 500 MHz	29 dB	22 dB
500 - 1000 MHz	22 dB	16 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		3°
500 - 1000 MHz		5°
Return Loss		Minimum
I/P		12 dB
O/P		15 dB

SM-44



Dimensions in () are in mm.
Unless Otherwise Noted: .x = ±0.04 (1.00)
.xx = ±0.02 (0.50)
.xxx = ±0.010 (0.250)

Operating Characteristics

Impedance	75 Ohms Nominal
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Ordering Information

Part No.	Packaging
ESSMJ-2-10-75	Tube

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

Pin Configuration

Function	Pin No.
Not Connected	2,5
Ground	1
Input	6
Port 1	4
Port 2	3

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