



E-Series 3-Way 0° Power Divider

5 - 500 MHz

ESSM-3-1W

V3.00

Features

- 3 Way
- 0°
- Surface Mount

Specifications @ 25°C

Frequency Range	5 - 500 MHz	
Insertion Loss	Typical	Maximum
	5 - 50 MHz	0.4 dB / 0.8 dB
	50 - 250 MHz	0.6 dB / 1.4 dB
	250 - 500 MHz	1 dB / 1.75 dB
Isolation	Typical	Minimum
	5 - 50 MHz	25 dB / 20 dB
	50 - 250 MHz	22 dB / 15 dB
	250 - 500 MHz	18 dB / 15 dB
Amplitude Unbalance	Maximum	
	5 - 50 MHz	0.1 dB
	50 - 250 MHz	0.4 dB
	250 - 500 MHz	0.9 dB
Phase Unbalance	Maximum	
	5 - 50 MHz	2°
	50 - 250 MHz	3°
	250 - 500 MHz	6°

Operating Characteristics

Impedance	50 Ohms Nominal
-----------	-----------------

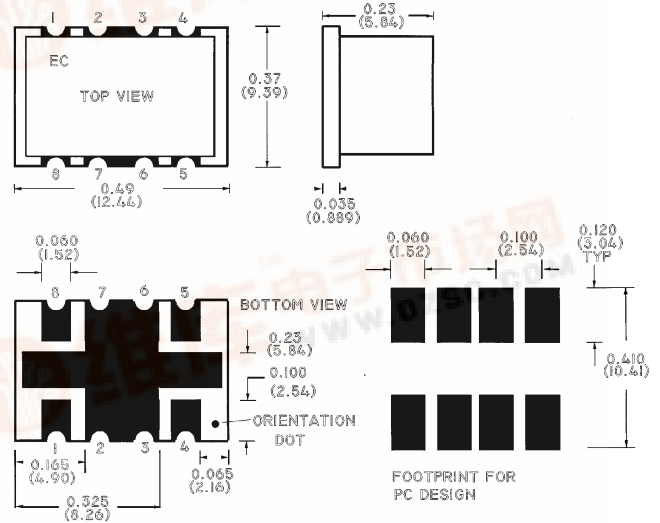
Ordering Information

Part No.	Packaging
ESSM-3-1W	Tube
ESSM-3-1WTR	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-4



Pin Configuration

Function	Pin No.
Ground	2,3,6,7
Input	8
Port 1	5
Port 2	4
Port 3	1