

E-Series 2-Way 0° Power Divider

5 - 1000 MHz

ESSMJ-2-13-75

Features

- * 2 Way
- * 0 Degree
- * Surface Mount

Specifications @ 25°C

Frequency Range 5 - 1000 MHz		
Insertion Loss	Typical	Maximum
5 - 50 MHz	0.4 dB	0.7 dB
50 - 500 MHz	0.4 dB	0.75 dB
500 - 1000 MHz	0.8 dB	1.3 dB
Isolation	Typical	Minimum
5 - 50 MHz	23 dB	18 dB
50 - 500 MHz	23 dB	17 dB
500 - 1000 MHz	20 dB	15.5 dB
Amplitude Unbalance	Maximum	
5 - 50 MHz	0.1 dB	
50 - 500 MHz	0.2 dB	
500 - 1000 MHz	0.4 dB	
Phase Unbalance	Maximum	
5 - 50 MHz	.5°	
50 - 500 MHz	2.5°	
500 - 1000 MHz	5°	

Operating Characteristics

Impedance	75 Ohms Nominal
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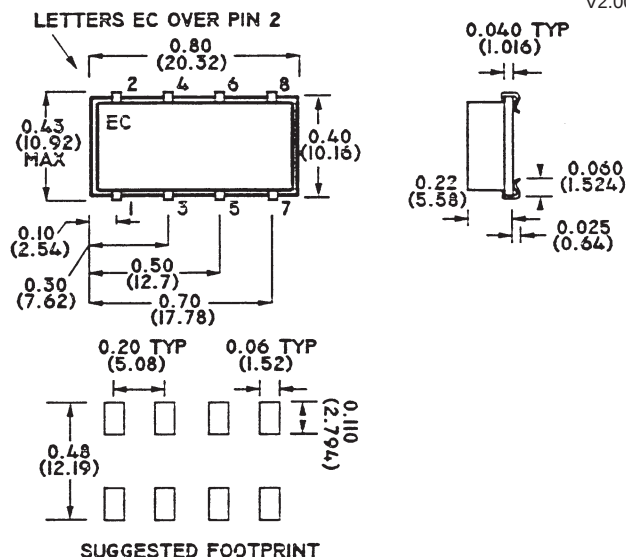
Absolute Maximum Ratings

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: 23dB typ, 17dB min.
O/P Return Loss: 18dB typ, 14dB min.
Insertion Loss Flatness: 0.8dB Max

SM-46



V2.00

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

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Specifications Subject to Change Without Notice.