

E-Series 4-Way 0° Power Divider

5 - 1000 MHz

ESJ-4-1-75

Features

- * 4 Way
- * 0 Degree
- * Surface Mount

Specifications @ 25°C

Frequency Range	5 - 1000 MHz	
Insertion Loss	Typical	Maximum
5 - 50 MHz	00.6 dB	00.9 dB
50 - 500 MHz	00.7 dB	1.2 dB
500 - 1000 MHz	1 dB	2 dB
Isolation	Typical	Minimum
5 - 50 MHz	30 dB	20 dB
50 - 500 MHz	30 dB	20 dB
500 - 1000 MHz	21 dB	13 dB
Amplitude Unbalance	Maximum	
5 - 50 MHz	00.1 dB	
50 - 500 MHz	00.3 dB	
500 - 1000 MHz	00.7 dB	
Phase Unbalance	Maximum	
5 - 50 MHz	1°	
50 - 500 MHz	5°	
500 - 1000 MHz	10°	

Operating Characteristics

Impedance	75 Ohms Nominal
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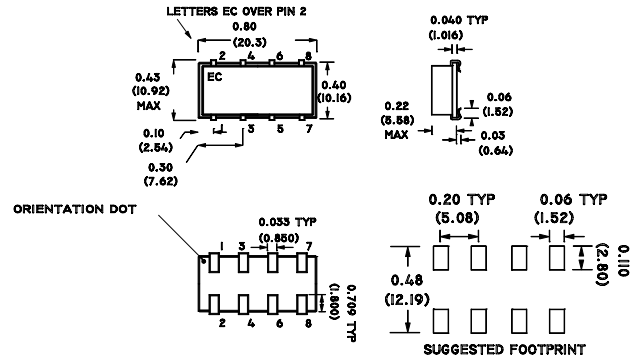
Absolute Maximum Ratings

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

Additional Specifications

Input Return Loss: 17dB Typ, 12dB Min
 Output Return Loss: 17dB Typ, 14dB Min

SM-46



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