

E-Series 2-Way 0° Power Divider

0.25 - 300 MHz

ES-2-1-75

V3.00

Features

- 2 Way
- 0°

Specifications @ 25°C

Frequency Range	0.25 - 300 MHz	
Insertion Loss	Typical	Maximum
0.25 - 2.5MHz	0.4 dB	0.75 dB
2.5 - 150 MHz	0.4 dB	0.75 dB
150 - 300 MHz	0.4 dB	1 dB
Isolation	Typical	Minimum
0.25 - 2.5 MHz	20 dB	15 dB
2.5 - 150 MHz	30 dB	20 dB
150 - 300 MHz	20 dB	15 dB
Amplitude Unbalance	Maximum	
0.25 - 2.5 MHz	0.15 dB	
2.5 - 150 MHz	0.2 dB	
150 - 300 MHz	0.3 dB	
Phase Unbalance	Maximum	
0.25 - 2.5 MHz	2°	
2.5 - 150 MHz	3°	
150 - 300 MHz	5°	

Operating Characteristics

Impedance	75 Ohms Nominal
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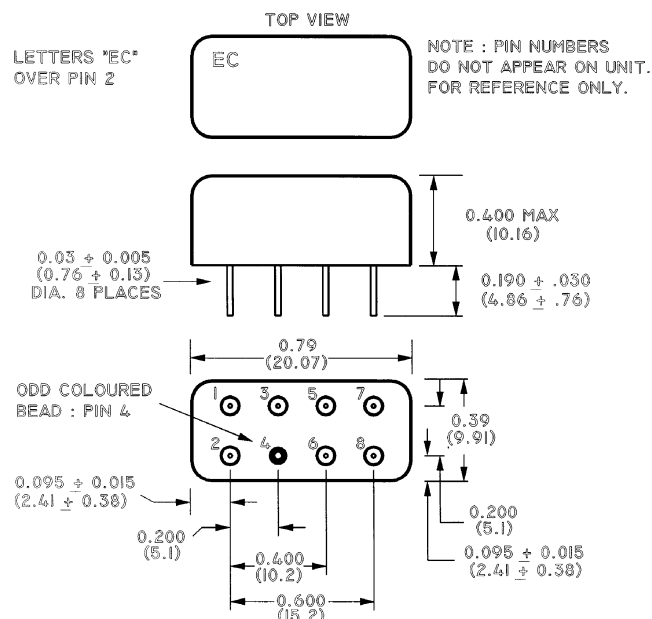
Ordering Information

Part No.	Packaging
ESML-3-5	Tube
ESML-3-5TR	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

R-2



Dimensions in () are in mm.
 Unless Otherwise Noted: .x = ±0.04 (1.00)
 .xx = ±0.02 (0.50)
 .xxx = ±0.010 (0.250)
 WEIGHT (APPROX.): 0.23 OUNCES 6.3 GRAMS

Pin Configuration

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

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