



ETC1.5-7

**V**3

# E-Series RF 1.5:1 Transformer 2 – 1000 MHz

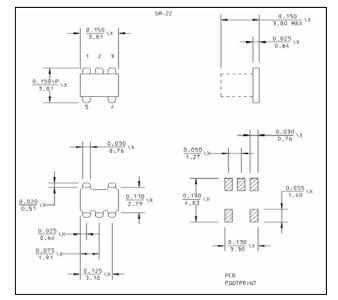
#### Features

- 1.5:1 Impedance Ratio
- Surface Mount
- Tape and reel packaging available

#### Description

M/A-COM's ETC1.5-7 is a 1.5:1 RF transformer in a low cost, surface mount package. Typical applications include single to balanced mode conversion and impedance matching. Parts are packaged in tape & reel.

## SM - 22 Package



# Electrical Specifications: $T_A = 25^{\circ}C$ , $Z_0 = 50\Omega^{-1}$

Parameter	Test Conditions	Frequency	Units	Min	Тур	Max
RF Frequency	_	2 - 1000	MHz	_	—	—
Insertion Loss	_	2 - 300 2 - 600 2 - 1000	dB dB dB			0.5 0.6 1.0

### Absolute Maximum Ratings<sup>1</sup>

Parameter	Absolute Maximum
RF Power	250 mW
DC Current	30 mA
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +125°C

1. Operation of this device above any one of these parameters may cause permanent damage.

### **Ordering Information**

Part Number	Package	
ETC1.5-7TR	Tape and Reel (2000 piece Reel)	

- Europe Tel: 44.1908.574.200 / Fax: 44.1908.574.300
- Asia/Pacific Tel: 81.44.844.8296 / Fax: 81.44.844.8298

Visit www.macom.com for additional data sheets and product information.

<sup>1</sup> 

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<sup>•</sup> North America Tel: 800.366.2266 / Fax: 978.366.2266





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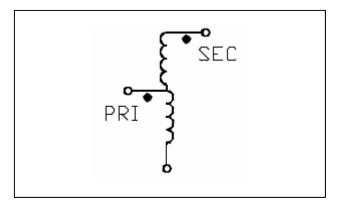
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#### **Pin Configuration**

Pin No.	Function	
1	Primary & Secondary	
2	Primary Dot	
3	Secondary Dot	
4	Not Connected	
5	Not Connected	

#### Schematic



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