

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

**ETC1.5-7**  
**V3**

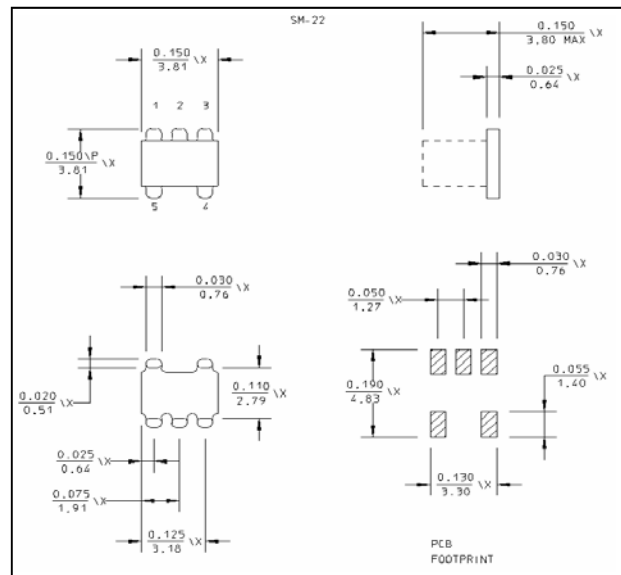
**Features**

- 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:  $T_A = 25^\circ\text{C}$ ,  $Z_0 = 50\Omega$ <sup>1</sup>**

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

- **North America** Tel: 800.366.2266 / Fax: 978.366.2266
- **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](http://www.macom.com) for additional data sheets and product information.

**Pin Configuration**

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

**Schematic**

