

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

ETC1.5-7
V3

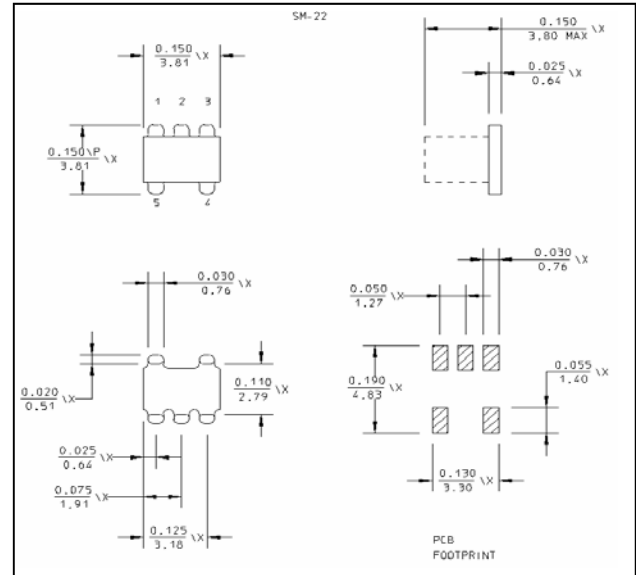
Features

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

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 Ratings¹

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)

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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

