

## E-Series RF 36:1 Transformer

### 5 – 400 MHz

ETC36-1T-2  
V2

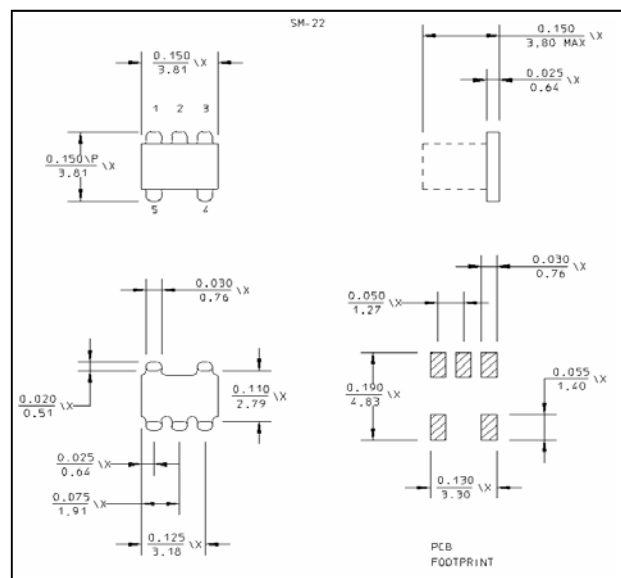
## Features

- 1:36 Impedance Ratio
- CT on Secondary
- Surface Mount
- Tape and reel packaging available

## Description

M/A-COM's ETC36-1T-2 is a 36:1 RF transformer in a low cost, surface mount package. Ideally suited for high volume cellular and wireless applications. 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	—	5 - 400	MHz	—	—	—
Insertion Loss	$F_L - f_U$	5 - 400	dB	—	12	18.0

### 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
ETC36-1T-2TR	Tape and Reel (2000 piece Reel)

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**Pin Configuration**

Pin No.	Function
1	Secondary Dot
2	Secondary CT
3	Secondary
4	Primary
5	Primary Dot

**Schematic**

