

E-Series RF 36:1 Transformer
5 – 400 MHz

ETC36-1T-2
V2

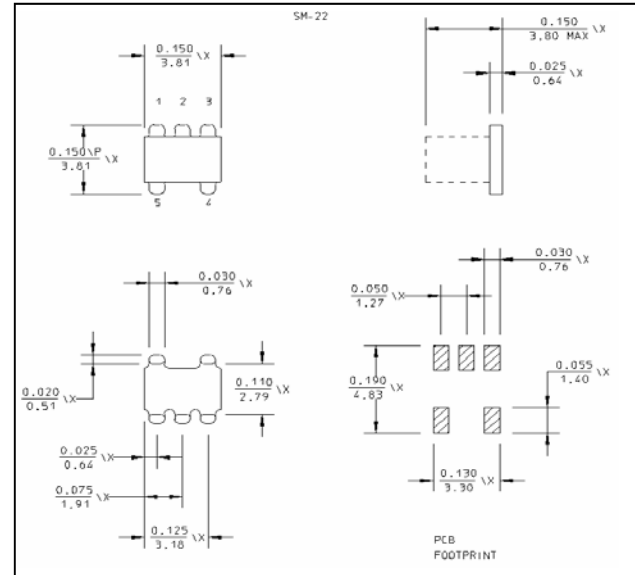
Features

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

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

E-Series RF 36:1 Transformer
5 – 400 MHz

ETC36-1T-2
V2

Pin Configuration

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

Schematic

