



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

ETC36-1T-2 V2

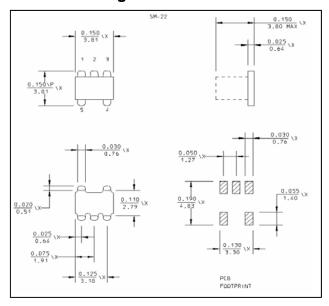
Features

- 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: $T_A = 25$ °C, $Z_0 = 50\Omega^1$

Parameter	Test Conditions	Frequency	Units	Min	Тур	Max
RF Frequency	_	5 - 400	MHz	_	_	_
Insertion Loss	F _L —f _U	5 - 400	dB	_	12	18.0

Absolute Maximum Ratings ¹

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

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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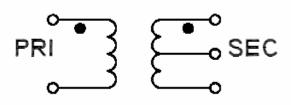
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Pin Configuration

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

Schematic



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