

# ETC1.5-4TR



RF 1.5:1 Step-down Auto-Transformer  
5MHz - 1000MHz

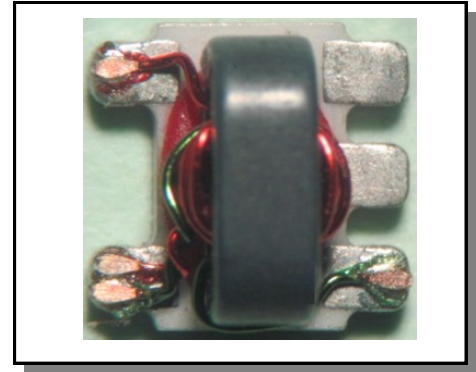
Rev. V2

## Features

- Surface mount
- 1.5:1 Impedance ratio
- Available on tape and reel

## Description

M/A-Com's ETC1.5-4 is a 1.5:1 RF step-down auto-transformer in a low cost, surface mount package. Ideally suited for high volume applications



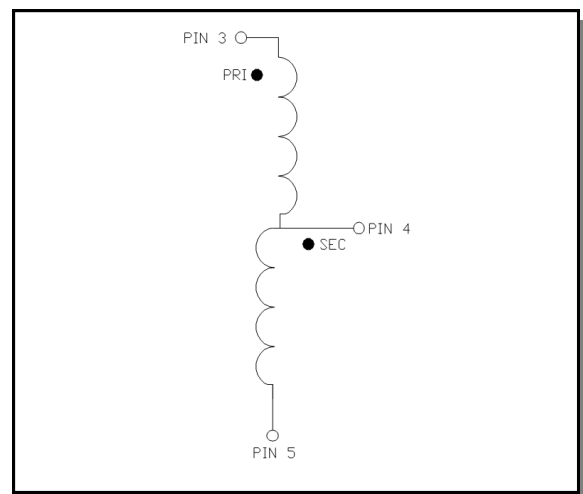
**Electrical Specifications:**  $Z_0 = 75\Omega$ ,  $T_A = 25^\circ\text{C}$ ,  $P_{in} = 0\text{dBm}$

Parameter	Conditions	Units	Min	Typ	Max
Frequency Range		MHz	5		1000
Impedance		$\Omega$		75	
Impedance Ratio				1.5:1	
Insertion Loss (Pin3 - Pin4)	5 - 200MHz @1000 MHz	dB	-	0.40	0.60
		dB	-	0.78	1.09
Input Return Loss (Pin3)	5 - 1000 MHz	dB	20	30	-

## Pin Configuration:

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

## Schematic:



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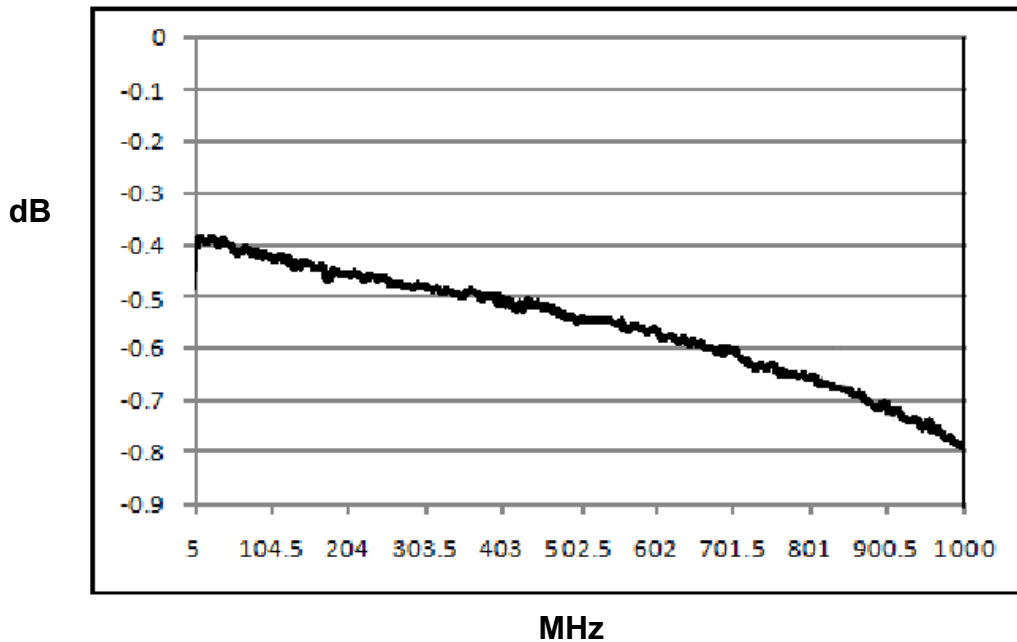


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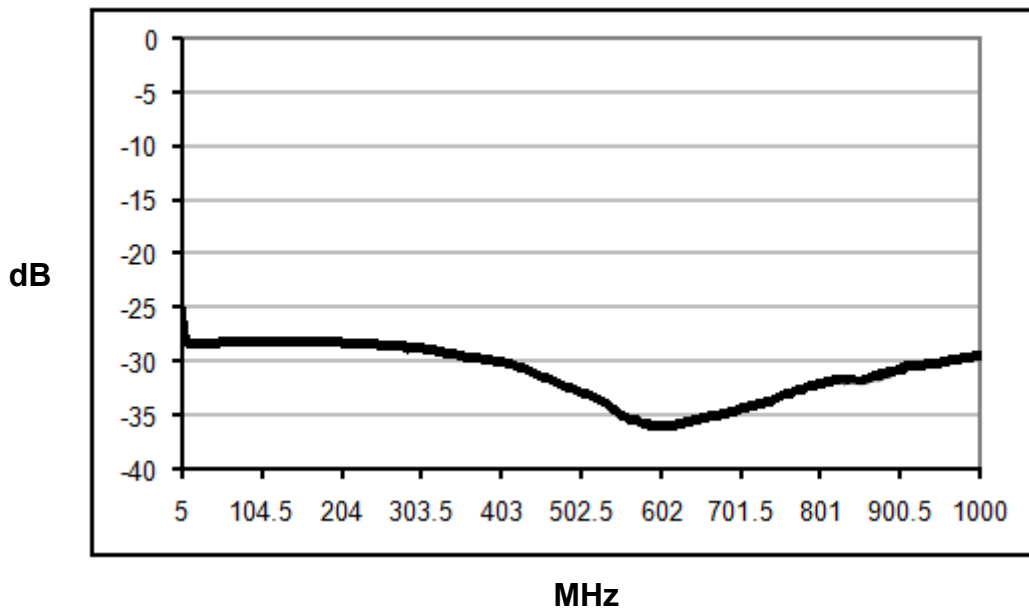
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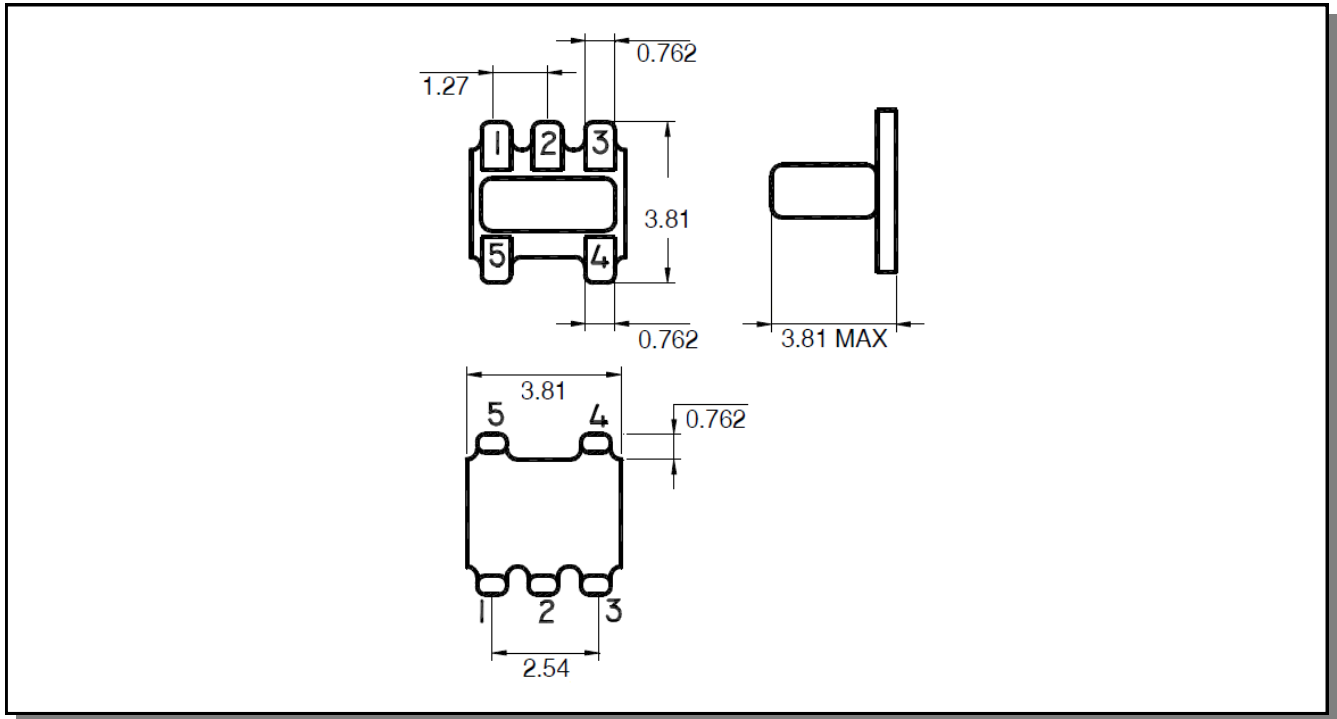
### Insertion Loss:



### Input Return Loss:



## Outline Drawing



1. Dimensions in mm.
2. Tolerance:  $\pm 0.2\text{mm}$  unless otherwise noted.
3. Model number and lot code printed on reel.
4. Plating: Sn Finish

## Recommended Footprint

