



E-Series RF 1:1 Transformer 0.05 – 3 MHz

ETC1-1T-2 V2

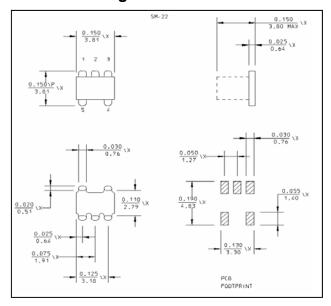
Features

- 1:1 Impedance Ratio
- Surface Mount
- Tape and reel packaging available

Description

M/A-COM's ETC1-1T-2 is a 1:1 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: $T_A = 25$ °C, $Z_0 = 50\Omega^1$

Parameter	Test Conditions	Frequency	Units	Min	Тур	Max
RF Frequency	_	0.05 - 3	MHz	_	_	_
Insertion Loss	<u> </u>	0.05 - 3 0.2 - 3	dB dB	_	_	2.0 1.0
Amplitude Imbalance	<u> </u>	0.05 - 3 0.2 - 3	dB dB	_	_	0.2 0.1
Phase Imbalance	_	0.05 - 3 0.2 - 3	Degrees Degrees		_	2° 1°

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		
ETC1-1T-2TR	Tape and Reel (2000 piece Reel)		

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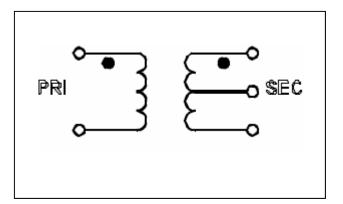
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Pin Configuration

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

Schematic



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