



MACOM

ETC1-1T-2

V2

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

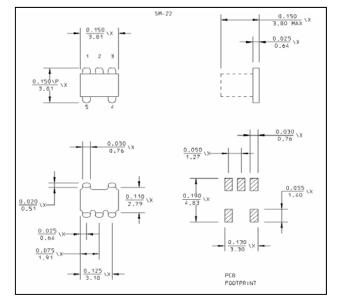
Features

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

Parameter	Test Conditions	Frequency	Units	Min	Тур	Max
RF Frequency	_	0.05 - 3	MHz	—	—	—
Insertion Loss		0.05 - 3 0.2 - 3	dB dB	_	_	2.0 1.0
Amplitude Imbalance		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 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		
ETC1-1T-2TR	Tape and Reel (2000 piece Reel)		

- Europe Tel: 44.1908.574.200 / Fax: 44.1908.574.300
- Asia/Pacific Tel: 81.44.844.8296 / Fax: 81.44.844.8298

www.DataSheet4U.com Visit www.macom.com for additional data sheets and product information.

¹

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[•] North America Tel: 800.366.2266 / Fax: 978.366.2266



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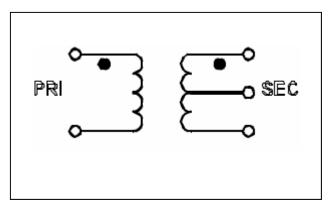


Pin No.	Function	
1	Secondary	
2	Secondary CT	
3	Secondary Dot	
4	Primary Dot	
5	Primary	



ETC1-1T-2 V2

Schematic



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