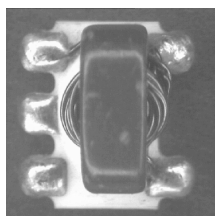




E-Series RF 1.5:1 Step-down Auto-Transformer

Features

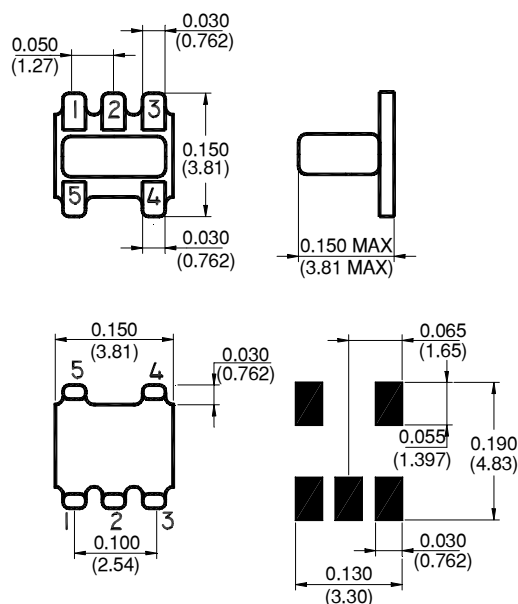
- Surface Mount
- 1.5:1 Impedance Ratio
- Available on Tape & Reel



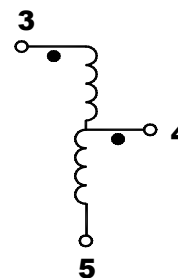
Description

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.

SM-22 Package



Schematic



Electrical Specifications @25°C

Parameter	Units	Nominal	Typical	Minimum	Maximum
Frequency Range 5 - 1000	MHz	—	—	—	—
Insertion Loss					
Input Return Loss	dB	—	—	20	—
Output Return Loss	dB	—	—	22	—

Please Note that the photograph above indicates package shape only, unit may be wired differently.

V2.00 S 0995 H

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Absolute Maximum Ratings

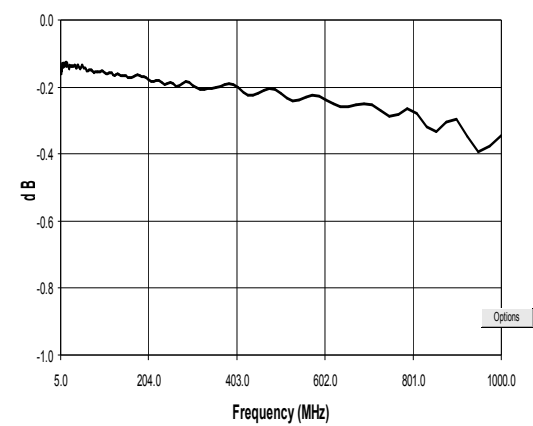
Parameter	Absolute Maximum
RF Power	250 mW
DC Current	100 mA
Storage Temperature	-55°C to +100°C

Functional Configuration

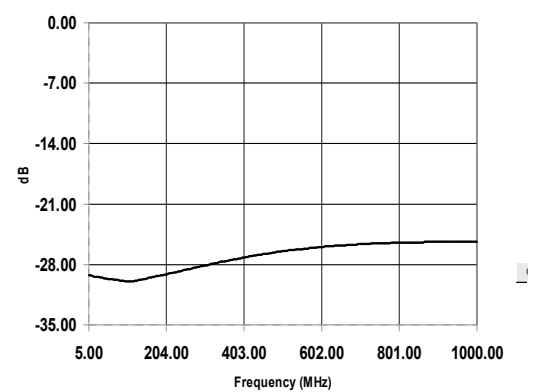
Function	Pin No.
Primary Dot	5
Primary	3
Primary CT	—
Secondary Dot	4
Secondary	3
Secondary CT	—
Case Ground	—
Not Connected	1,2

Typical Performance @ +25°C

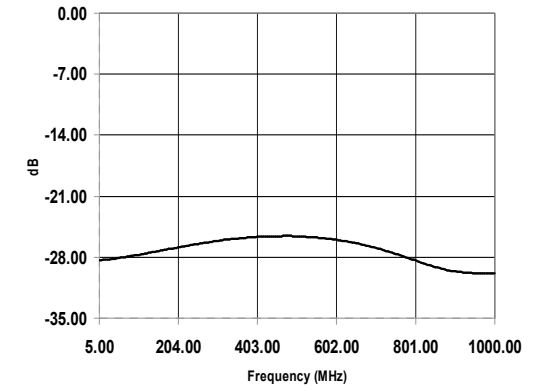
Insertion Loss



Input Return Loss



Output Return Loss



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