

E-Series RF 4:1 Transformer
20 – 1000 MHz

MABAES0034
V2

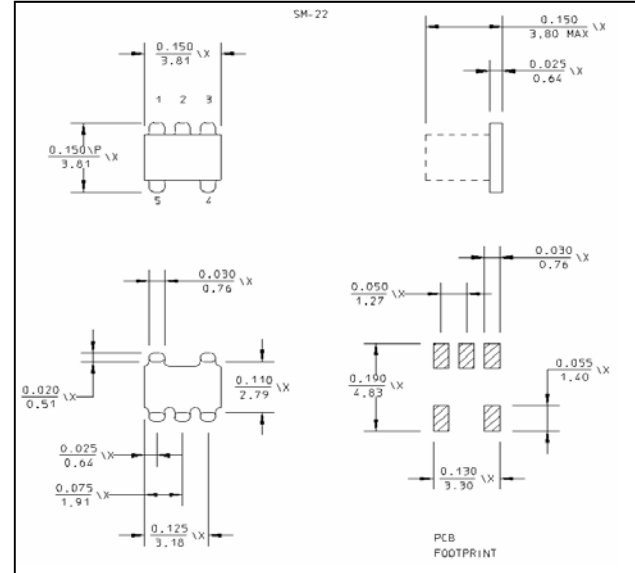
Features

- 4:1 Impedance Ratio
- CT on Secondary
- Surface Mount
- Tape and reel packaging available

Description

M/A-COM's MABAES0034 is a 4:1 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: $T_A = 25^\circ\text{C}$, $Z_0 = 50\Omega$ ¹

Parameter	Test Conditions	Frequency	Units	Min	Typ	Max
RF Frequency	—	20 - 1000	MHz	—	—	—
Insertion Loss	$F_L - f_U$	20 - 500	dB	—	1.8	2.0
		500 - 1000	dB	—	2.2	2.5

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

1. 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)

Pin Configuration

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

Schematic

