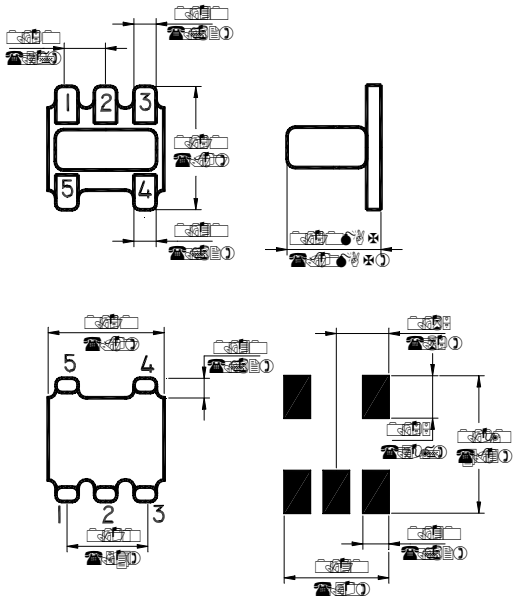
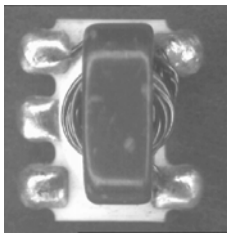
E-Series RF 4:1 Auto Transformer
20 - 1000 MHz

SM-22 Package



Features

- Surface Mount
- 4:1 Impedance Ratio



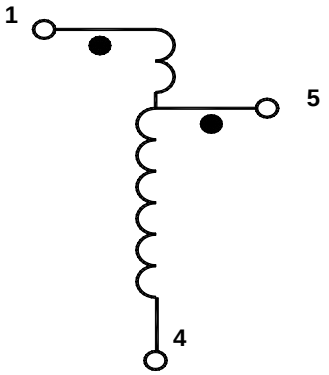
Description

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.

Functional Configuration

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

Schematic



Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Power	250 mW
DC Current	30 mA
Storage Temperature	-55°C to +100°C

Electrical Specifications @25°C

Parameter	Units	Nominal	Typical	Minimum	Maximum
Frequency Range 20 - 1000	MHz	—	—	—	—
Insertion Loss (f_L - f_U)					
20 - 500 MHz	dB	—	1.8	—	2.5
500 - 1000 MHz	dB	—	4.0	—	5.0

ADVANCED: Data Sheets contain information regarding a product M/A-COM Technology Solutions is considering for development. Performance is based on target specifications, simulated results, and/or prototype measurements. Commitment to develop is not guaranteed.
PRELIMINARY: Data Sheets contain information regarding a product M/A-COM Technology Solutions has under development. Performance is based on engineering tests. Specifications are typical. Mechanical outline has been fixed. Engineering samples and/or test data may be available. Commitment to produce in volume is not guaranteed.

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