

Transformer, 1:20  
8.2 MHz

Rev. V3

## Features

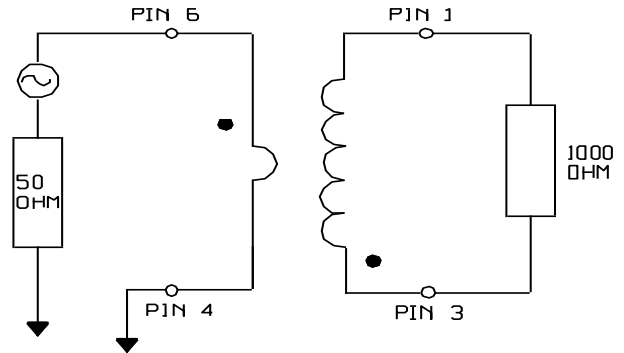
- Surface Mount
- 260°C reflow compatible
- RoHS compliant, lead-free
- Available on Tape and Reel

## Description

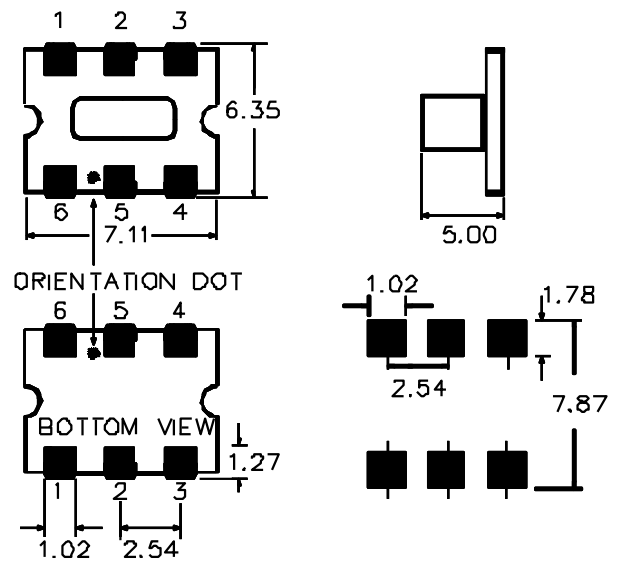
MABA-011006 is a 1:20 flux coupled transformer in a low cost package.



## Application Circuit:



## Case style:



All dimensions are in mm  
Tolerance:  $\pm 0.2$ mm unless otherwise noted

**Electrical Specifications:**  $Z_0 = 50\Omega$ ,  $T_A = 25^\circ\text{C}$ ,  $P_{in} = 0\text{dBm}$

Frequency	S11 (dB)(max)	S11 (dB)(min)
8.2 MHz	-0.79	-0.96

## Tape & Reel Information

Parameter	Units	Value
Qty per reel	-	900
Reel Size	mm	330
Tape Width	mm	16.00
Pitch	mm	12.00
Ao	mm	6.80
Bo	mm	7.60
Ko	mm	5.30
Orientation	-	F15

Reference Application Note ANI-019 for orientation

## Ordering Information

Part Number	Description
MABA-011006	Tape & Reel
MABA-011006-TB	Customer test board

## Recommended Maximum Ratings

Parameter	Units	Min	Max
Input Power	mW		250
DC Current	mA		30
Operating Temperature Range	°C	-40	+85

Temperature data available on request

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