

Transformer, 1:20 8.2 MHz

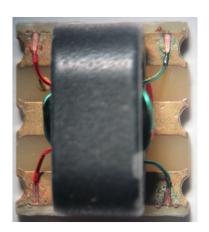
Rev. V2

#### **Features**

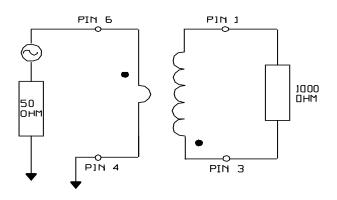
- Surface Mount
- 260°C reflow compatible
- RoHS compliant, lead-free
- Available on Tape and Reel

### **Description**

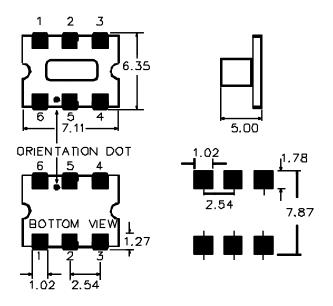
M/A-COM's MABA-011006 is a 1:20 flux coupled transformer in a low cost package.



# **Application Circuit:**



### Case style:



All dimensions are in mm Tolerance: ±0.2mm unless otherwise noted

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

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

# **MABA-011006**



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# **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		
Во	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

Solutions has under development. Performance is based on engineering tests. Specifications are typical. Mechanical outline has been fixed. Endureering samples and/or test data may be available Commitment to produce in volume is not outlined by