

---

**SAW Resonator 622.080MHz****Model: TC0137A****Part No: MA04386****REV NO.: 2**

---

**A. FEATURES:**

1. 1-Port Resonator.

**B. MAXIMUM RATING:**

1. Input Power Level: 0 dBm
2. DC voltage: 12 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

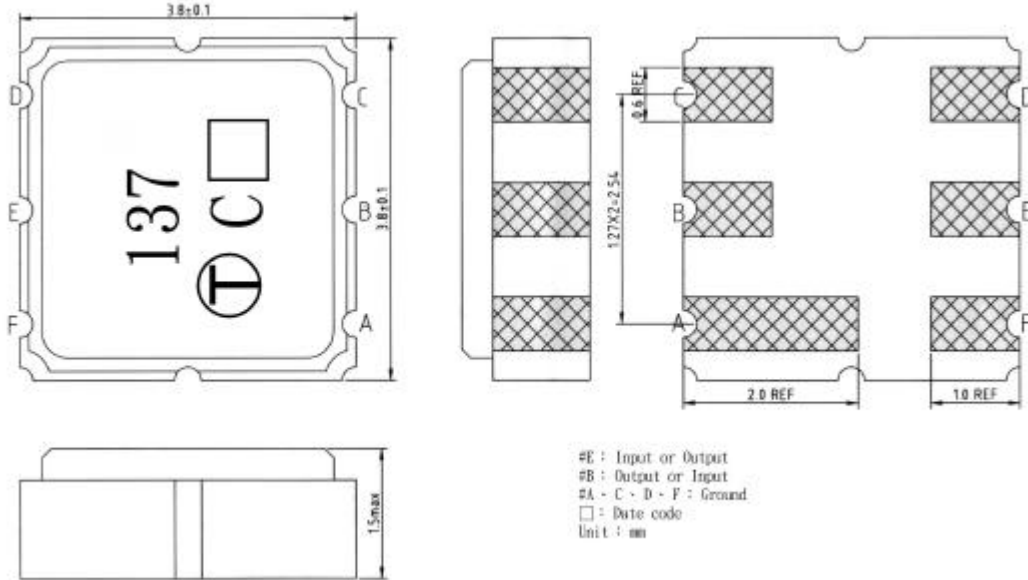
**C. ELECTRICAL CHARACTERISTICS:**

Characteristic	Units	Minimum	Typical	Maximum
Center frequency Fr	MHz	622.005	622.080	622.155
Insertion Loss IL	dB		1.1	2.5
Unloaded Quality factor		-	10275	-
Equivalent Elements				
Motional capacitance C1	fF	-	1.75	-
Motional inductance L1	μH	-	37.46	-
Motional resistance R1	Ohm	-	14.25	-
Parallel capacitance Co	pF	-	2.89	-
Temp.coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	10	25	40
Package size		SMD 3.8X3.8X1.2mm		

**SAW Resonator 622.080MHz**  
**Part No: MA04386**

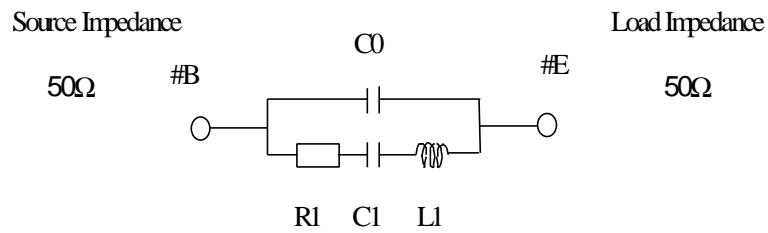
**Model: TC0137A**  
**REV NO.: 2**

**D. OUTLINE DRAWING:**



**E. EQUIVALENT CIRCUIT:**

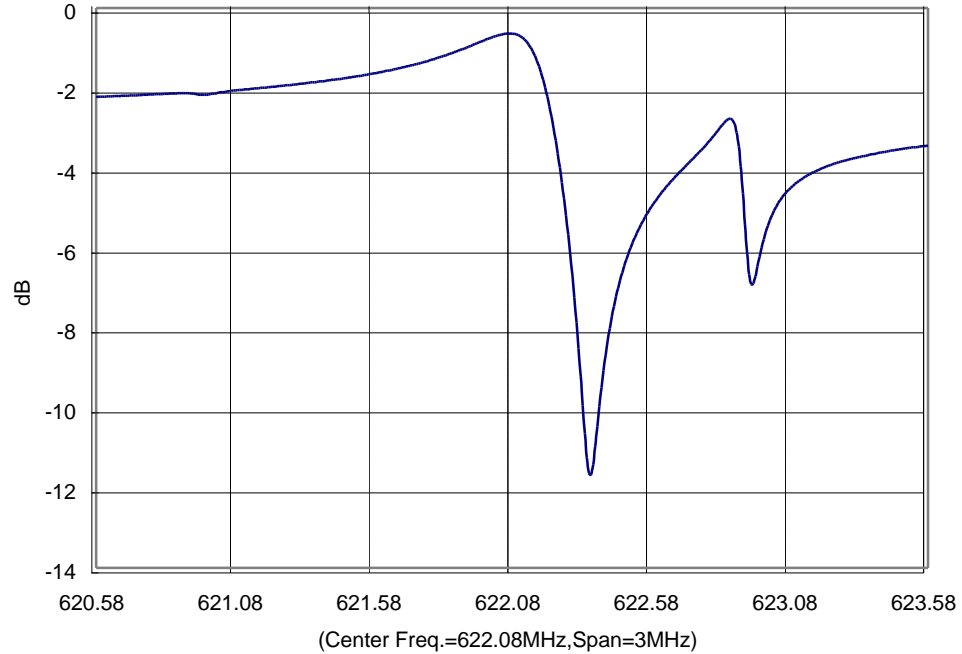
One-Port Resonator:



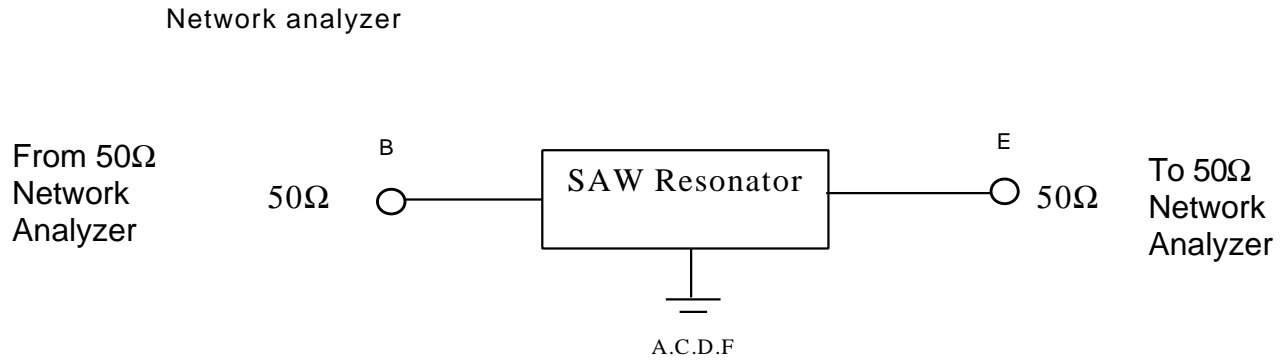
**SAW Resonator 622.080MHz**  
**Part No: MA04386**

**Model: TC0137A**  
**REV NO.: 2**

**F. FREQUENCY CHARACTERISTICS:**



**G. TEST CIRCUIT:**

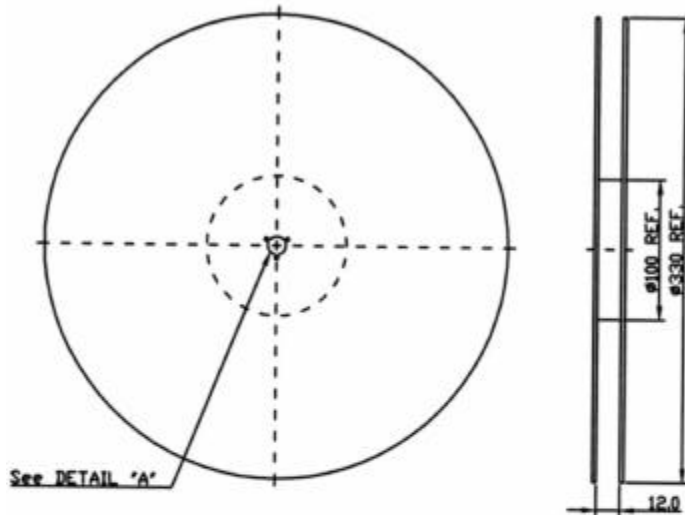


**SAW Resonator 622.080MHz**  
**Part No: MA04386**

**Model: TC0137A**  
**REV NO.: 2**

**H. PACKING:**

**1. REEL DIMENSION**



**2. TAPE DIMENSION**

