



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Resonator 622.080 MHz SMD 3.8X3.8 mm

TST Parts No.: TC0137A

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: Jacky Huang

Approval by: Francis Chen

Date: 2004/6/11



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SAW Resonator 622.080 MHz

MODEL NO.: TC0137A

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

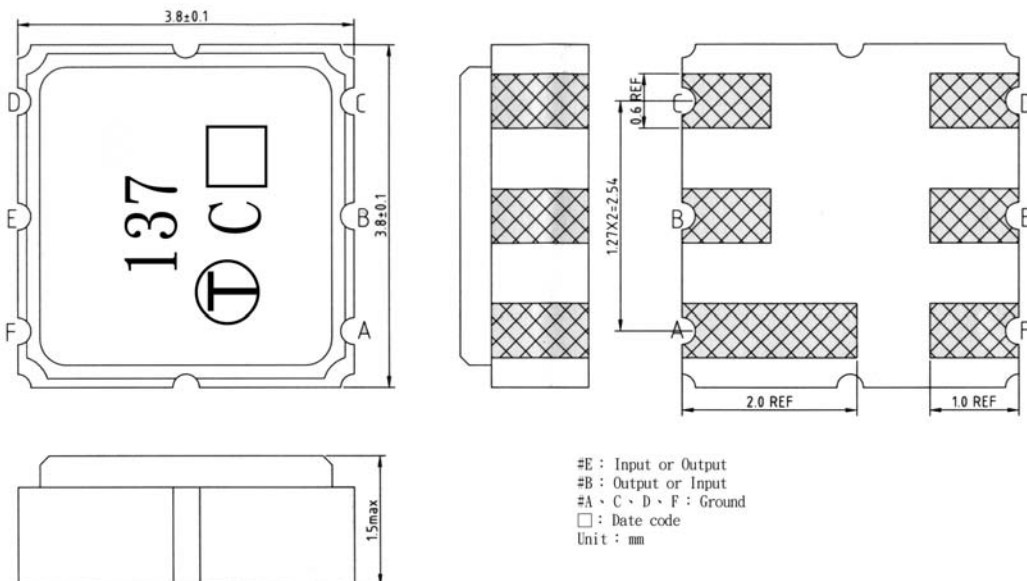
4. Storage Temperature: -40°C to +85°C

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		

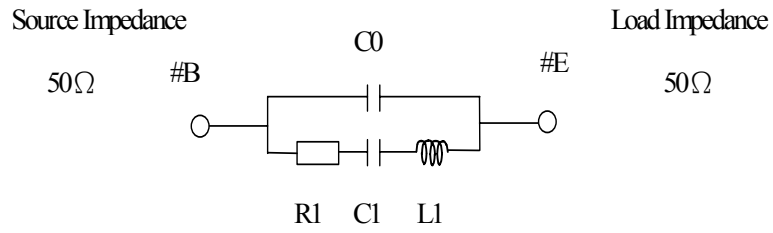
RoHS Compliant
Lead free
Lead-free soldering

D. OUTLINE DRAWING:

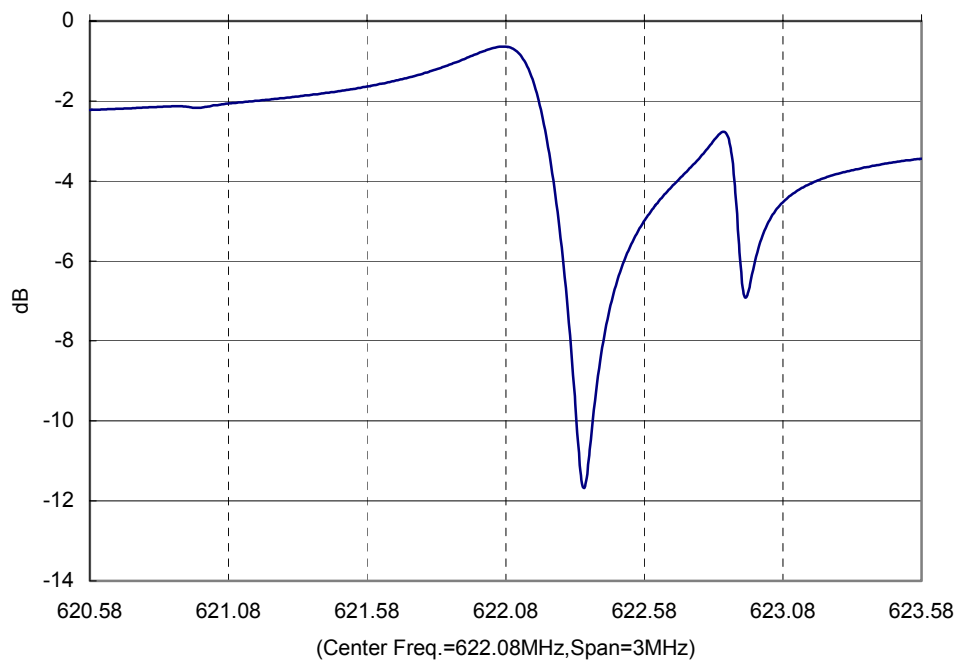


E. EQUIVALENT CIRCUIT:

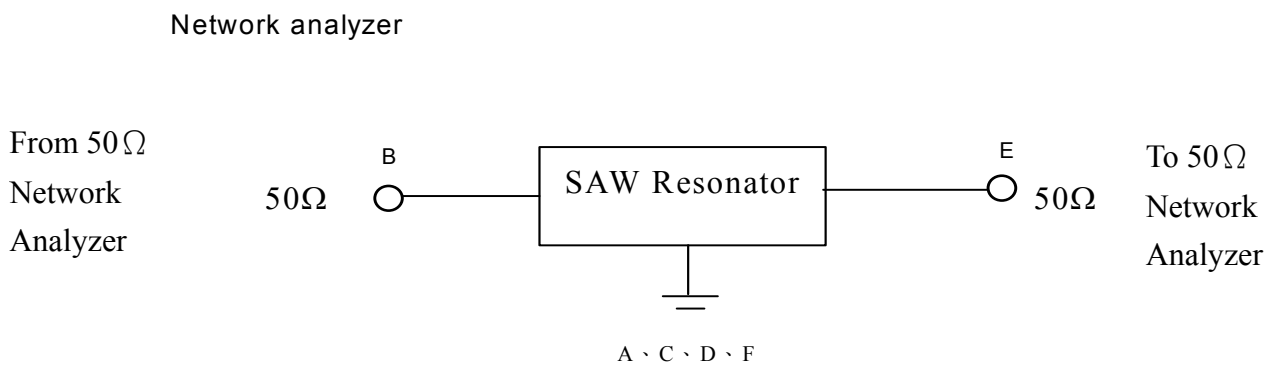
One-Port Resonator:



F. FREQUENCY CHARACTERISTICS:

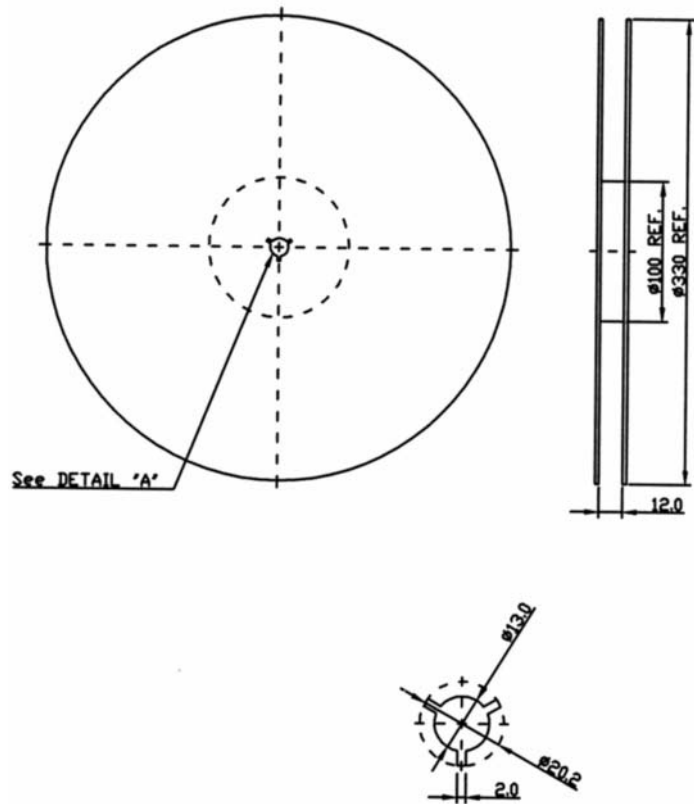


G. TEST CIRCUIT:



H. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

