



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 916 MHz SMD 3.8X3.8 mm

TST Parts No.: TC0404A

Customer Parts No.: _____

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

Checked by: Paul Ni

Approval by: Francis Chen

Date: 2007/06/26



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SAW Resonator 916 MHz

MODEL NO.: TC0404A

REV. NO.: 2.0

A. FEATURES:

1. 1-Port Resonator.

B. MAXIMUM RATING:

1. Input Power Level: 10 dBm

2. DC voltage: 3 V

3. Operating Temperature: -40°C to +85°C

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

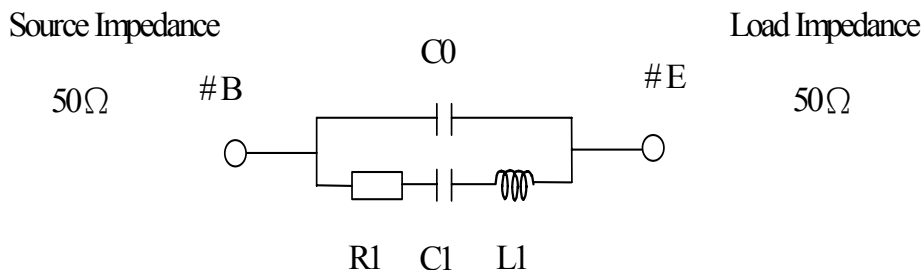
C. ELECTRICAL CHARACTERISTICS:

Characteristic	Units	Minimum	Typical	Maximum
Center frequency Fr	MHz	915.925	916.000	916.075
Insertion Loss IL	dB	-	1.72	2.3
Equivalent Elements				
Motional capacitance C1	fF	-	1.11	-
Motional inductance L1	μH	-	27.30	-
Motional resistance R1	Ohm	-	19.98	-
Parallel capacitance Co	pF	-	2.27	-
Temp.coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	-	25	-
Package size		SMD 3.8X3.8X1.4mm		

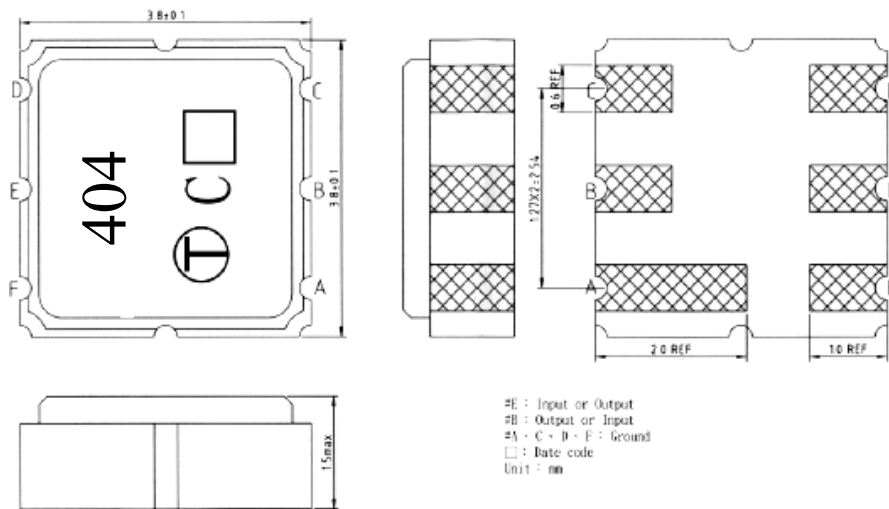
RoHS Compliant
Lead free
Lead-free soldering

D. EQUIVIRENT CIRCUIT:

One-Port Resonator:



E. OUTLINE DRAWING:

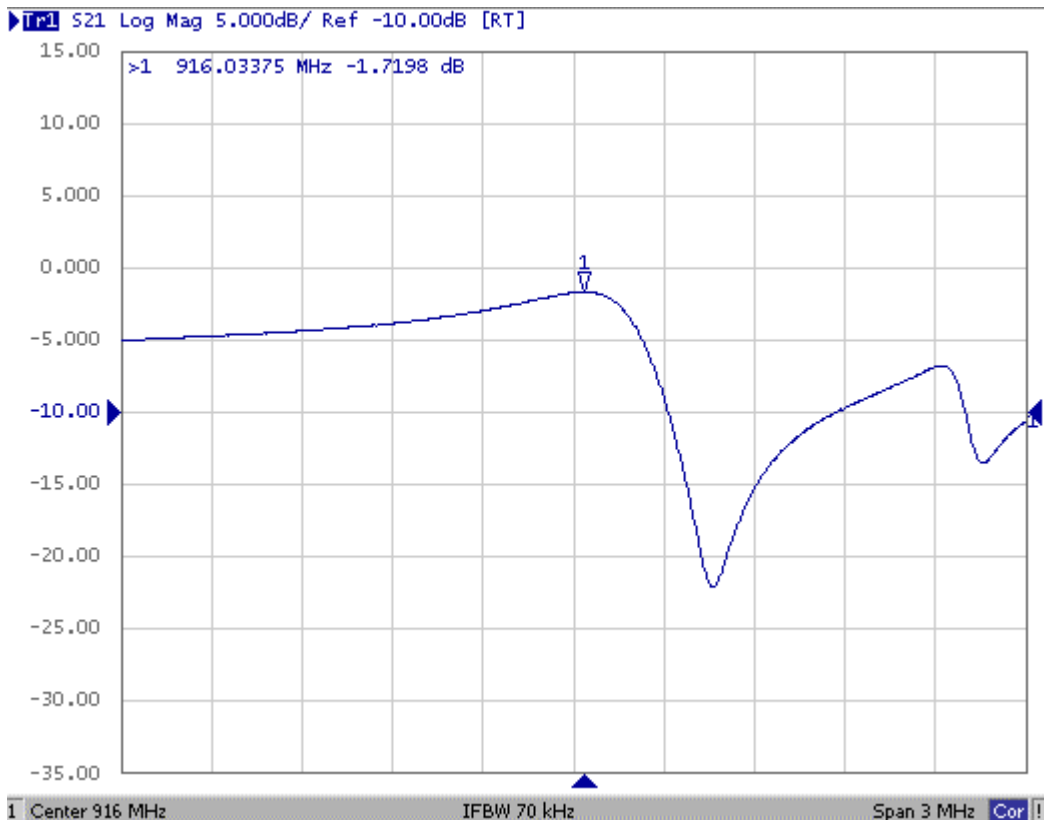


Date code: Provided by planer each year

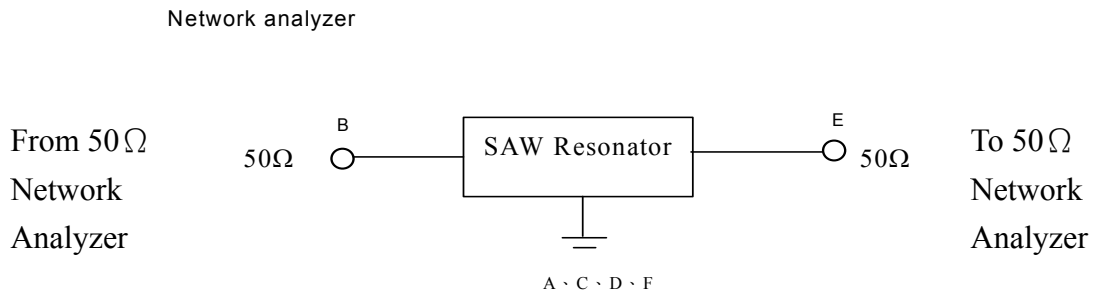
Product Year Code

Year	2005	2006
	2007	2008
Product Code	C	c

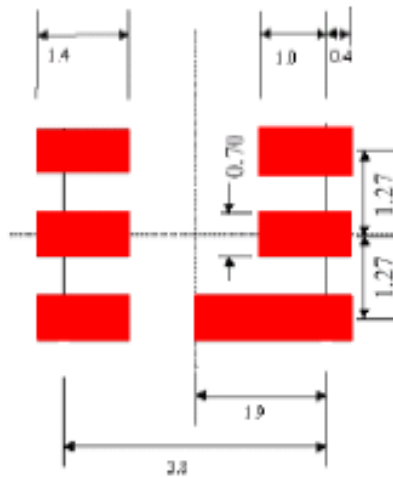
F. FREQUENCY CHARACTERISTICS



G. TEST CIRCUIT:

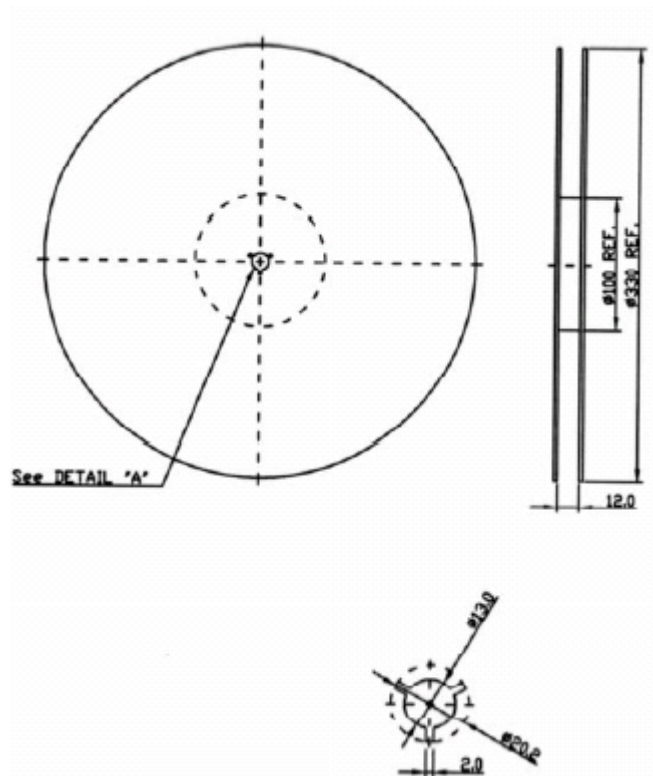


H. LAND PATTERN:

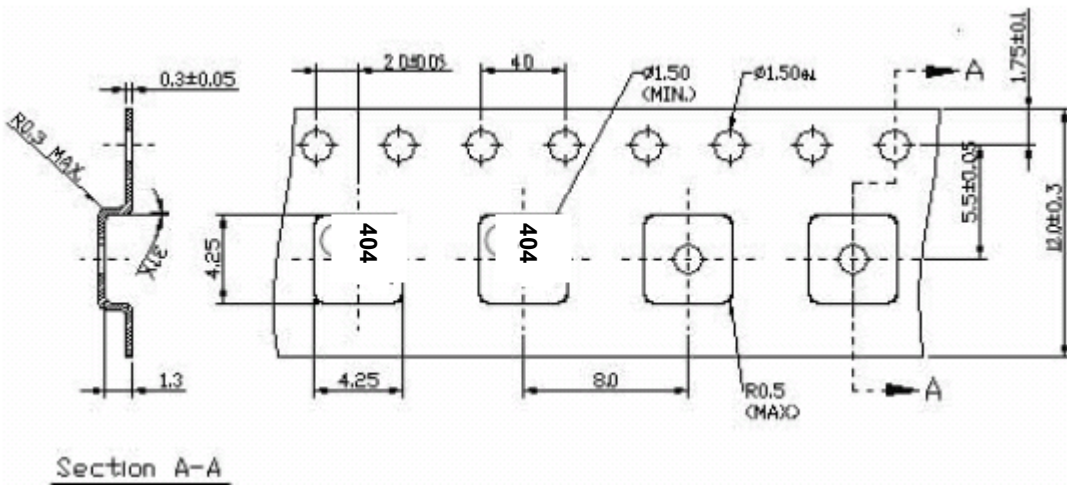


I. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



J. RECOMMENDED REFLOW PROFILE:

