



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

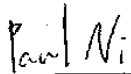
Product Specifications Approval Sheet


Product Description: SAW Resonator 915 MHz SMD 3.0X3.0 mm

TST Part No.: TD0125A

Customer Part No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: Paul Ni 

Approved by: Francis Chen 

Date: 2009/11/05

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

SAW Resonator 915 MHz

MODEL NO.: TD0125A

REV. NO.: 2.0

A. FEATURES:

1. 2-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

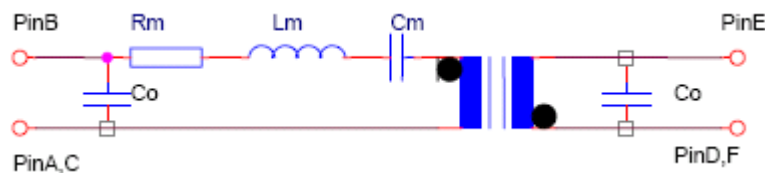
C. ELECTRICAL CHARACTERISTICS:

Characteristic	Units	Minimum	Typical	Maximum
Center frequency Fr	MHz	914.750	915.000	915.250
Insertion Loss IL	dB	-	6.5	8.5
Phase at f_c Φ	el	125	145	165
Equivalent Elements				
Motional capacitance C1	fF	-	0.225	-
Motional inductance L1	μ H	-	134.5	-
Motional resistance R1	Ohm	-	108	-
Parallel capacitance Co	pF	-	1.5	-
Temp. coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	-	25	-
Package size		SMD 3X3X1.4mm		

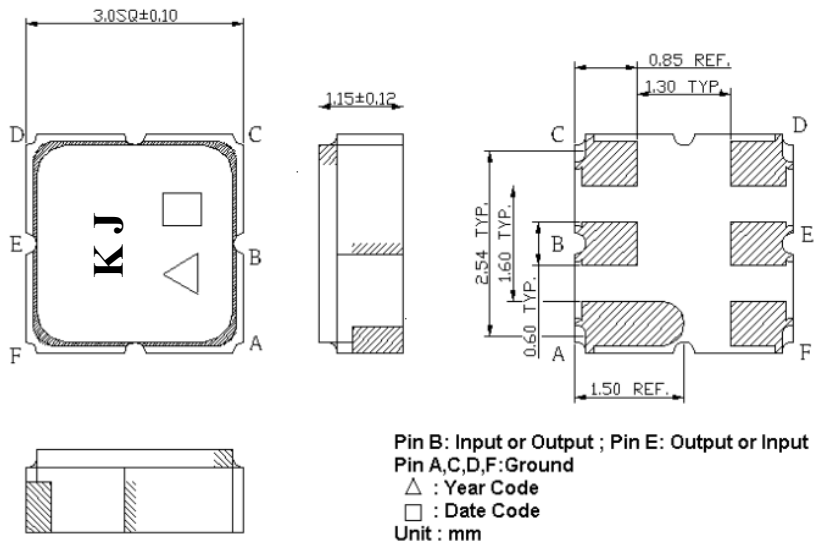
RoHS Compliant
Lead free
Lead-free soldering

D. EQUIVIRENT CIRCUIT:

Two-Port Resonator:

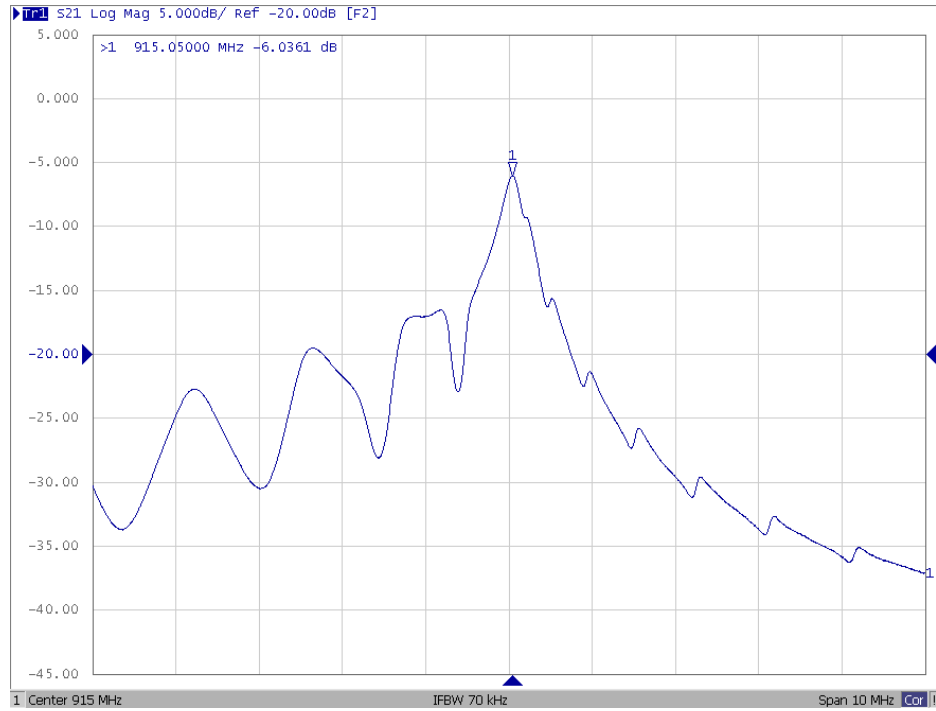


E. OUTLINE DRAWING:

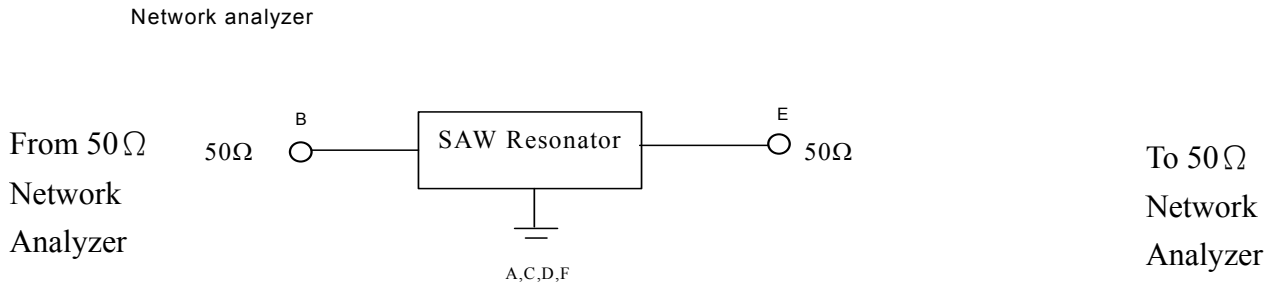


Date code: Provided by planer each year
Year code: 9 for 2009,0 for 2010,...,9 for 2019

F. FREQUENCY CHARACTERISTICS:

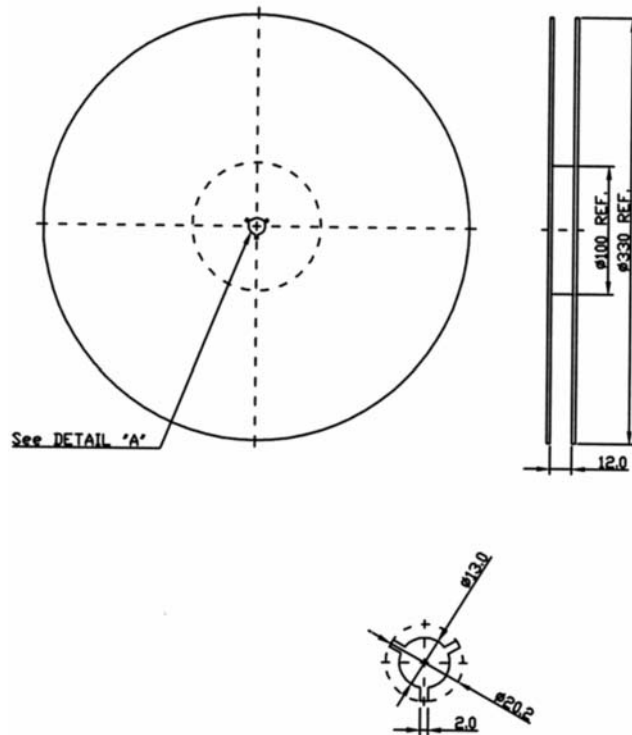


G. TEST CIRCUIT:

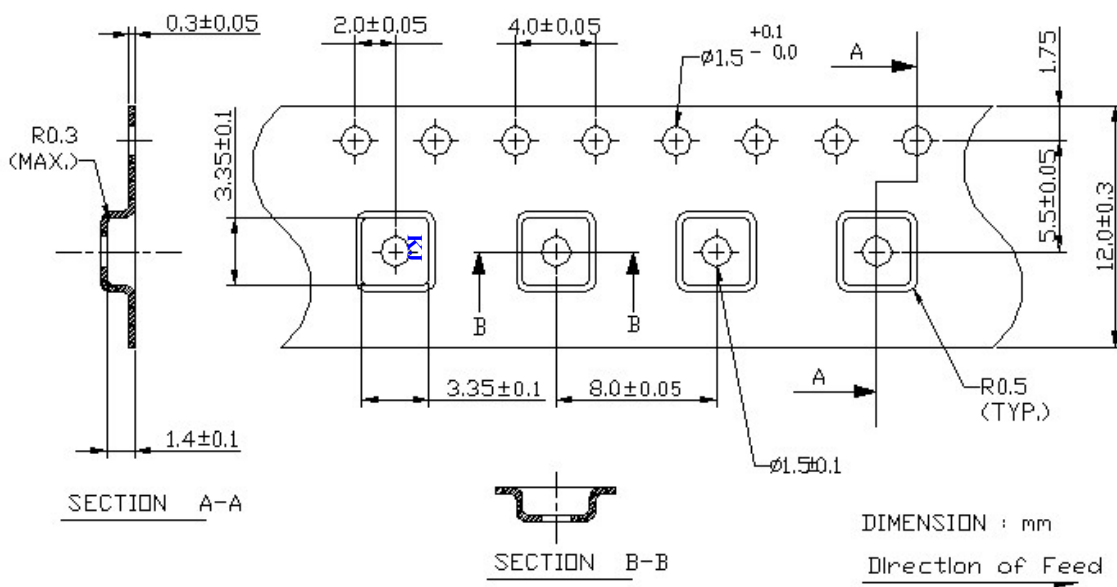


H. PACKING:

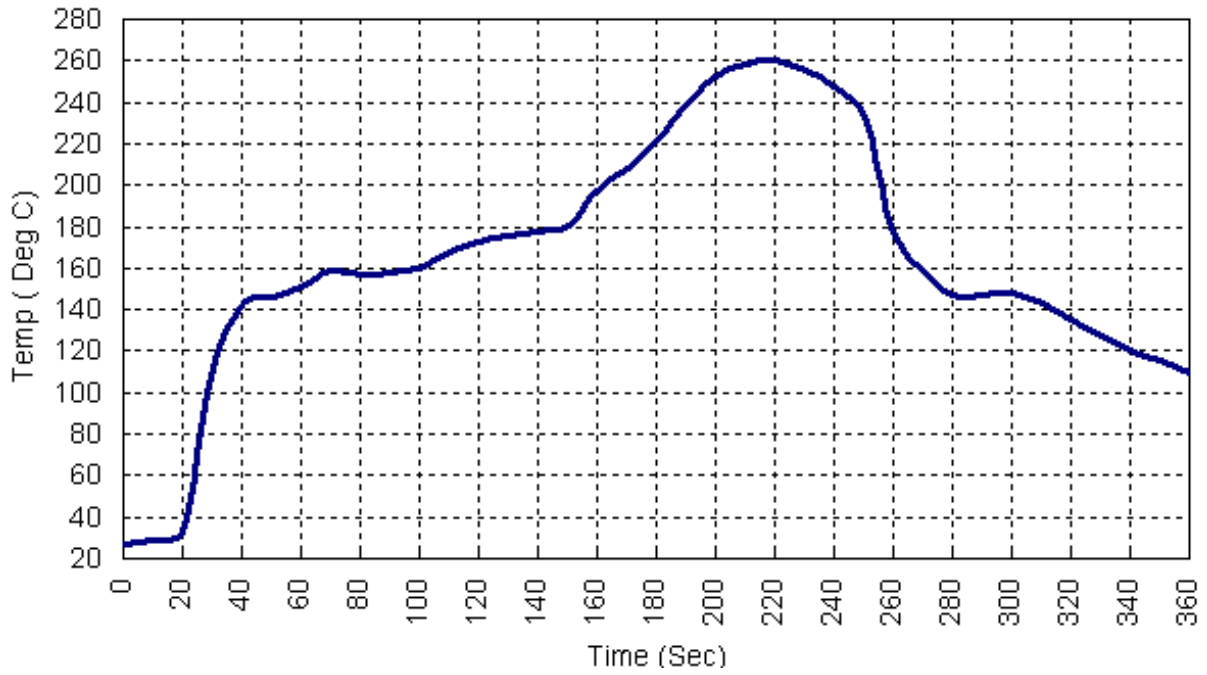
1. REEL DIMENSION



2. TAPE DIMENSION



J. RECOMMENDED REFLOW PROFILE:



Direction of feed