



TAI-SAW TECHNOLOGY CO., LTD.

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

Product Description: SAW Filter 360 MHz SMD 3.8X3.8 mm

TST Part No.: TB360ECB

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 10, 11, 2010

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.



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SAW Filter 360MHz

MODEL NO.: TB360ECB

REV. NO.:1

A. MAXIMUM RATING:

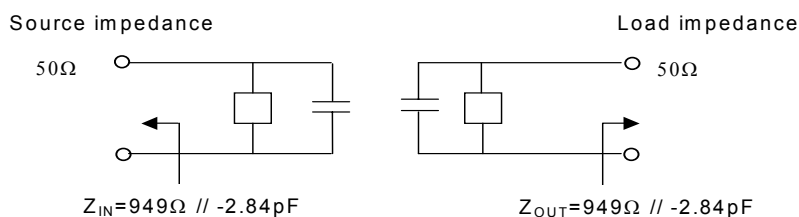
1. Input Power Level: 5 dBm
2. Operating Temperature: -20°C to 75°C
3. Storage Temperature: -35°C to 85°C

RoHS Compliant
Lead free
Lead-free soldering

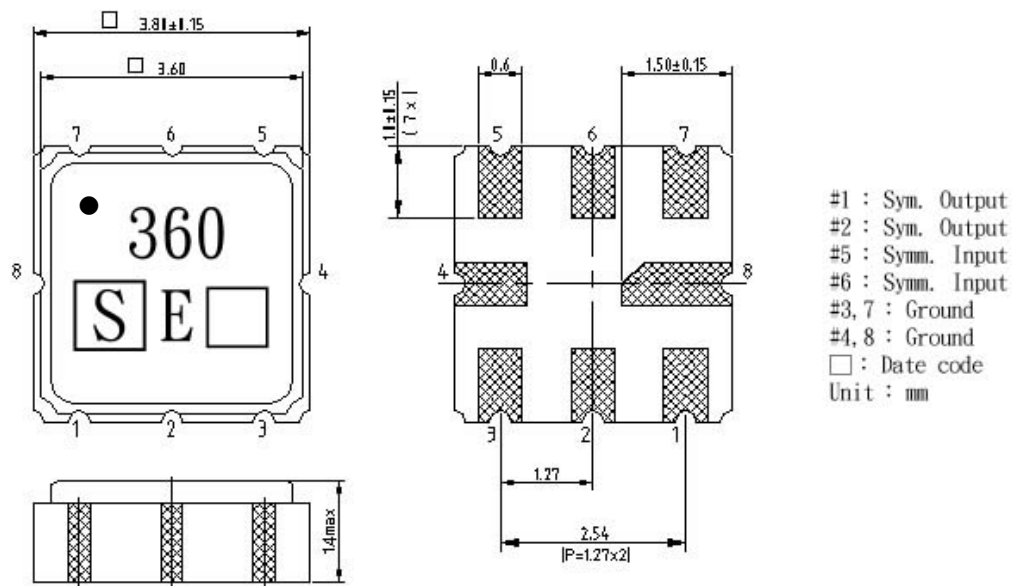
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.	Note
Center frequency, Fc	MHz	-	360	-	1
Insertion Loss, IL	dB	-	4.2	5.0	1
Passband Ripple within 359.91 to 360.09MHz	dB	-	0.6	1.5	1
Group delay ripple in Fc ±90KHz, GD	μs	-	0.8	2.0	1
Attenuation:(Reference level from Min IL)					
Fc ± 0.4 to Fc ± 0.6 MHz	dB	29	40	-	-
Fc ± 0.6 to Fc ± 0.8 MHz	dB	42	70	-	-
Fc - 0.8 to Fc - 3.0 MHz	dB	50	61	-	-
Fc - 3.0 to Fc - 57 MHz	dB	52	62	-	-
Fc - 57 to Fc - 77 MHz	dB	49	69	-	-
Fc - 77 to Fc - 115 MHz	dB	52	69	-	-
Fc + 0.8 to Fc + 1.6 MHz	dB	50	61	-	-
Fc + 1.6 to Fc + 3.0 MHz	dB	45	65	-	-
Fc + 3.0 to Fc + 115 MHz	dB	52	58	-	-

Note1. The standard definitions is in JIS C 6703



C.OUTLINE DRAWING:

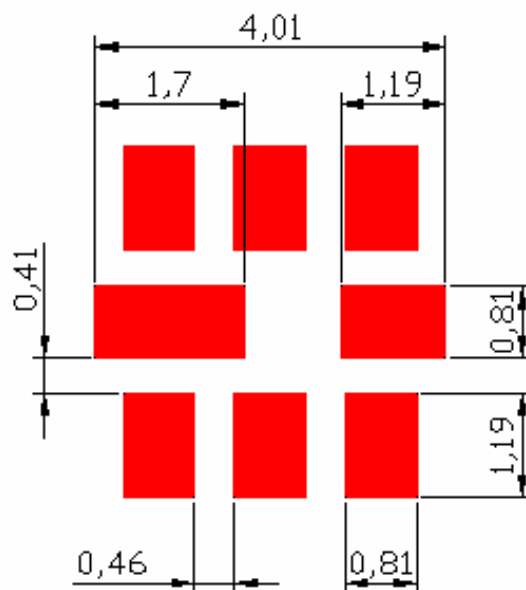


□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)
E : Year Code

Year Code :

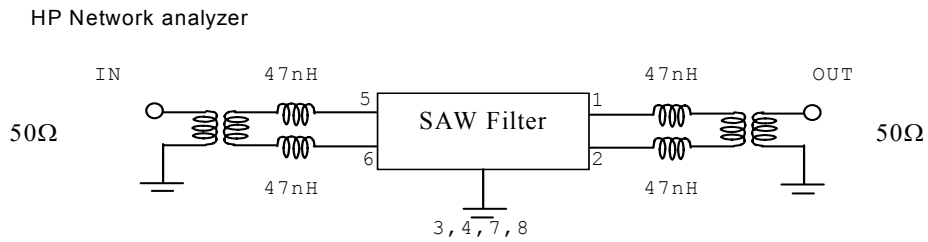
Year	2009	2010
	2011	2012
	2013	2014
	2015	2016
Product Code	E	e

D. PCB Footprint:

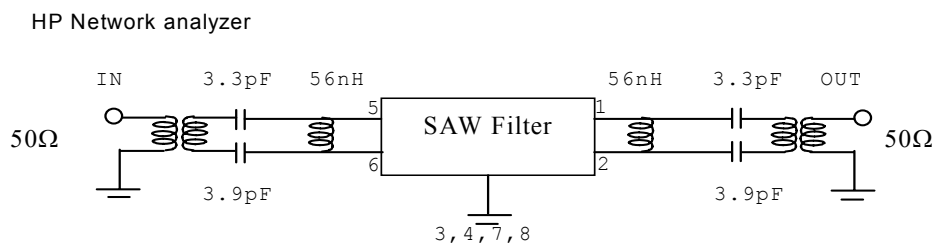


E. MEASUREMENT CIRCUIT:

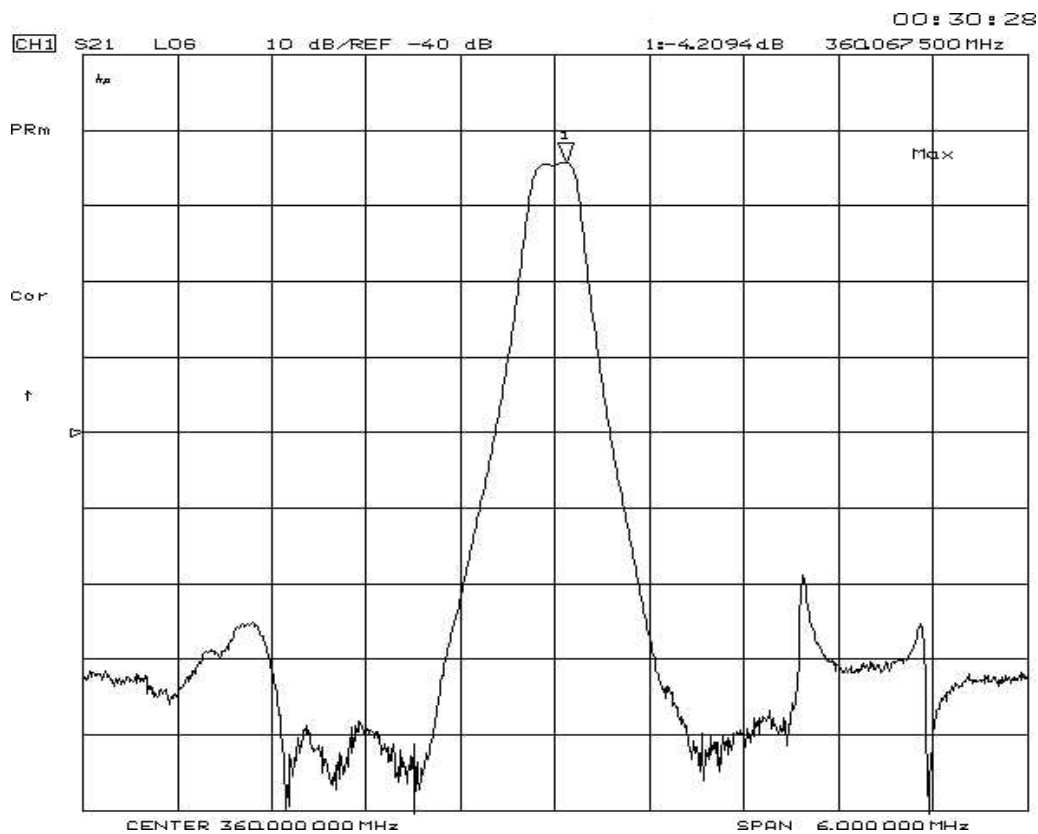
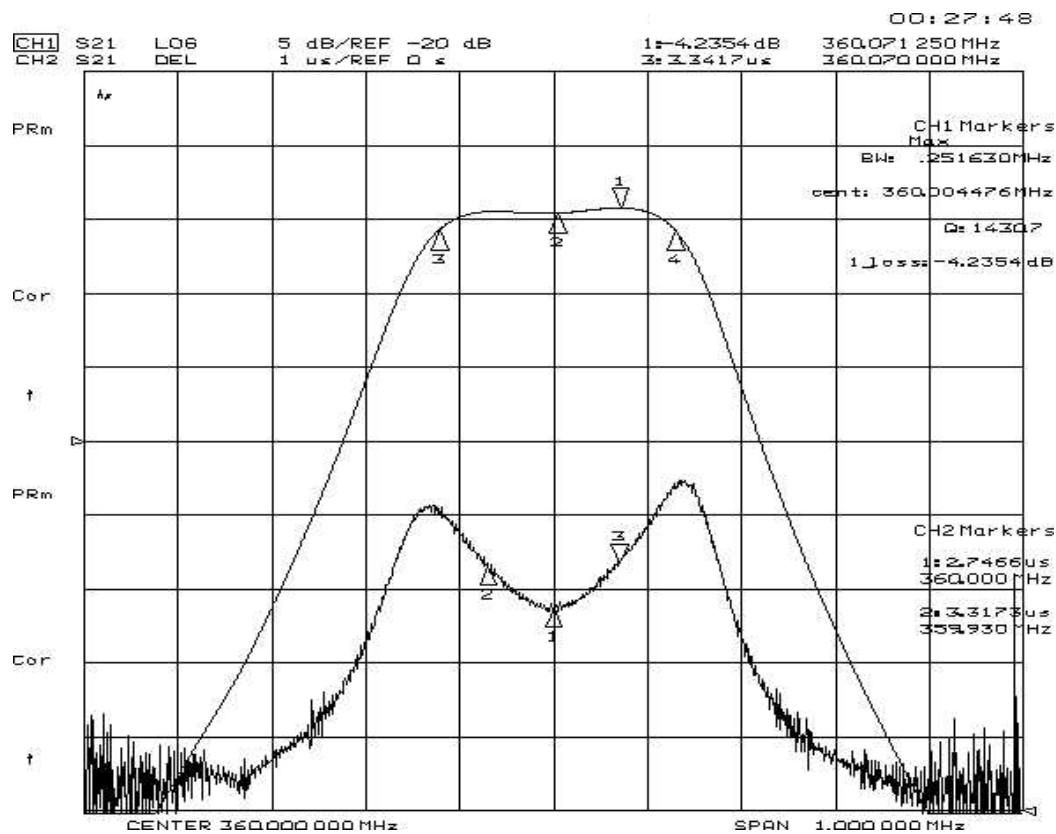
50 Ohm Test circuit 1

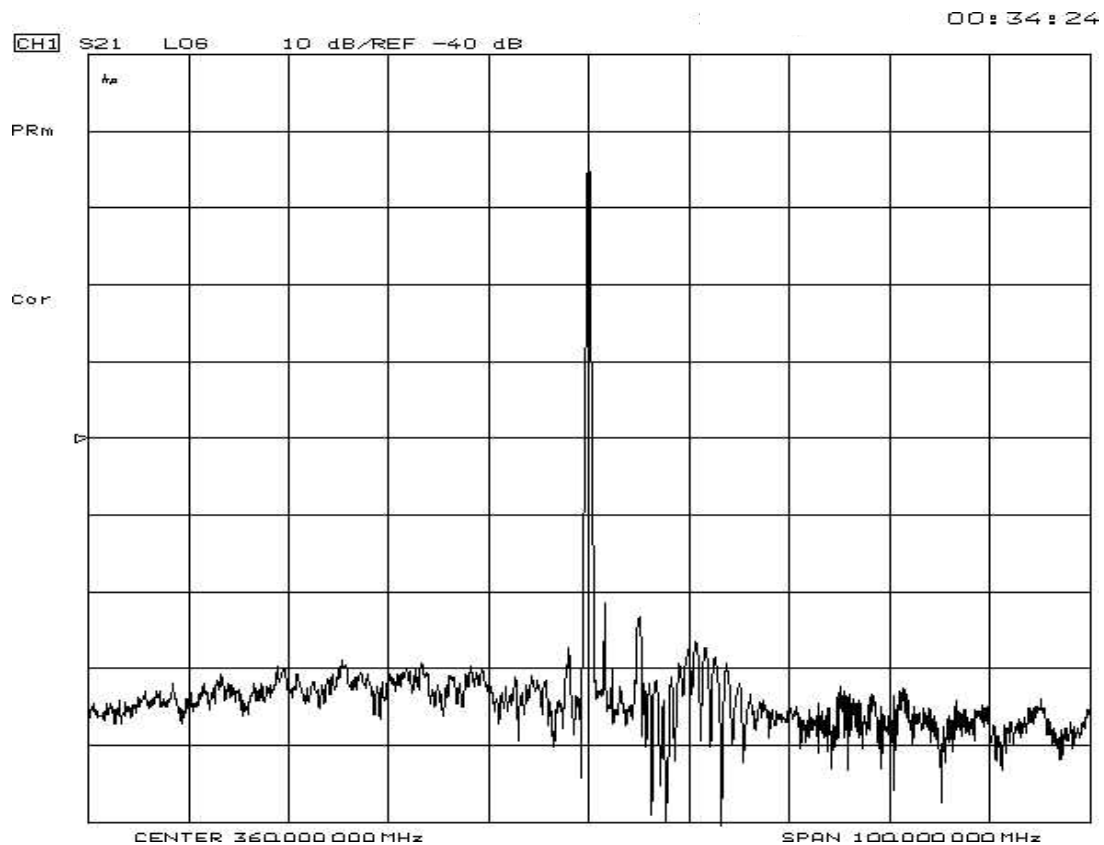
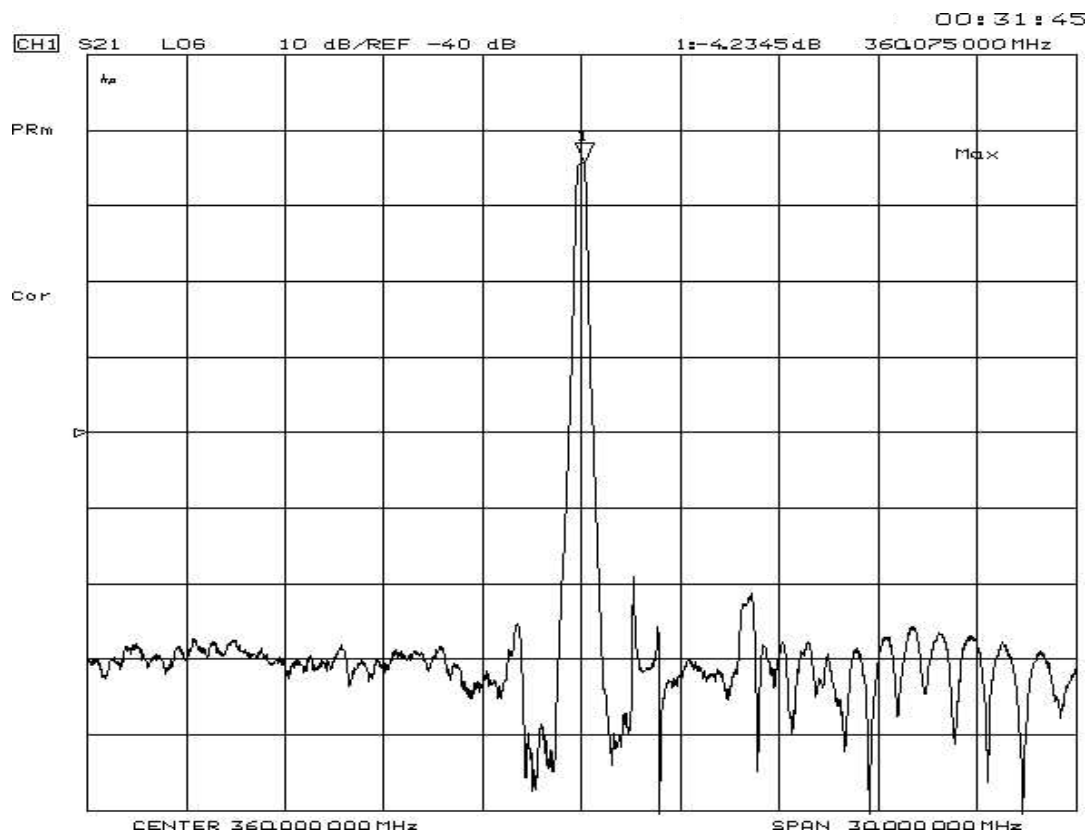


50 Ohm Test circuit 2



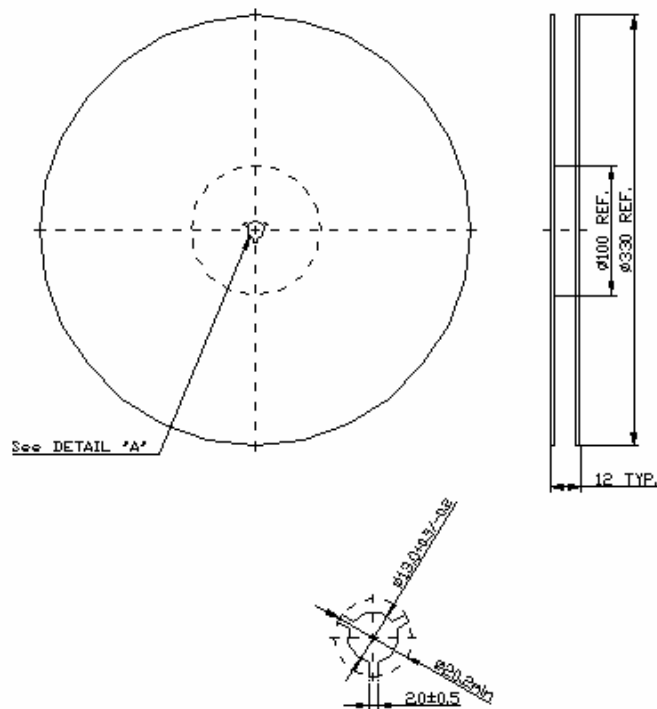
F. Frequency Characteristics :



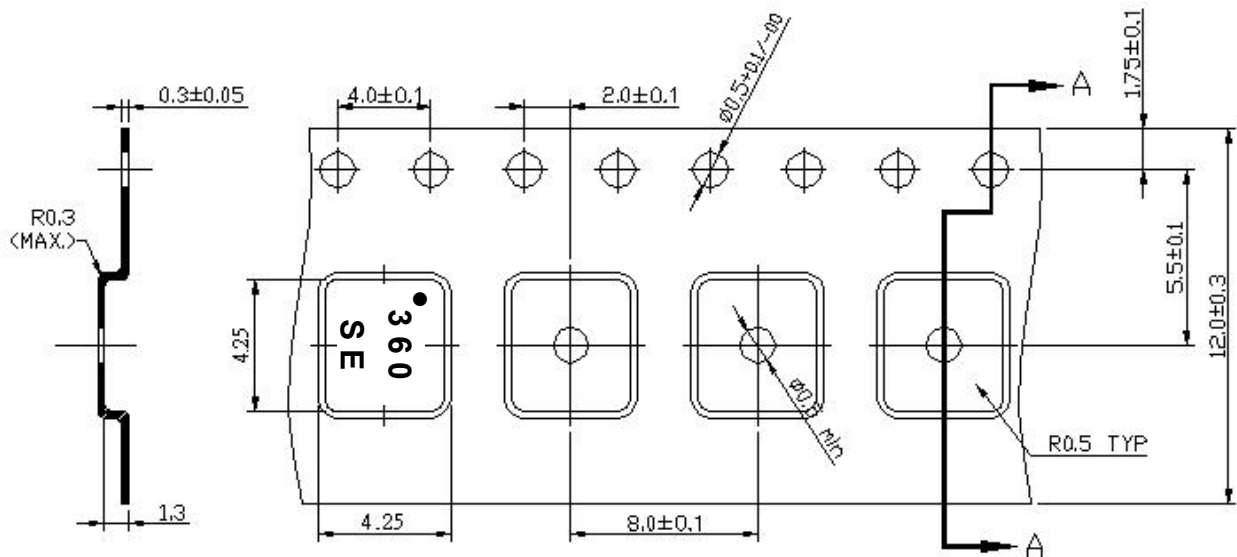


G. PACKING:

1. REEL DIMENSION



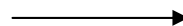
2.TAPE DIMENSION



Section A-A

DIMENSION : mm

Direction of feed



H. REFLOE PROFILE:

