



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 Filter 360 MHz SMD3.8x3.8 mm

TST Parts No.:TB360EC

Customer Parts No.:_____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 2006/11/28



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SAW Filter 360MHz

MODEL NO.: TB360EC

REV. NO.:5

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

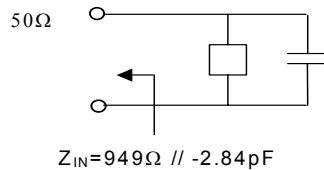
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

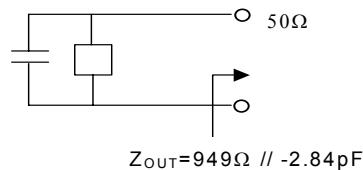
Item	Unit	Min.	Type.	Max.	Note
Center frequency, Fc	MHz	-	360	-	1
Insertion Loss, IL	dB	-	4.2	5.0	1
Passband Ripple in Fc±67.7KHz ,	dB	-	0.4	1.5	1
Group delay ripple in Fc±67.76KHz , GD	μs	-	0.5	2.0	1
Attenuation:(Reference level from Min IL)					
Fc ± 0.4 to Fc ± 0.6 MHz	dB	29	40	-	
Fc ± 0.6 to Fc ± 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

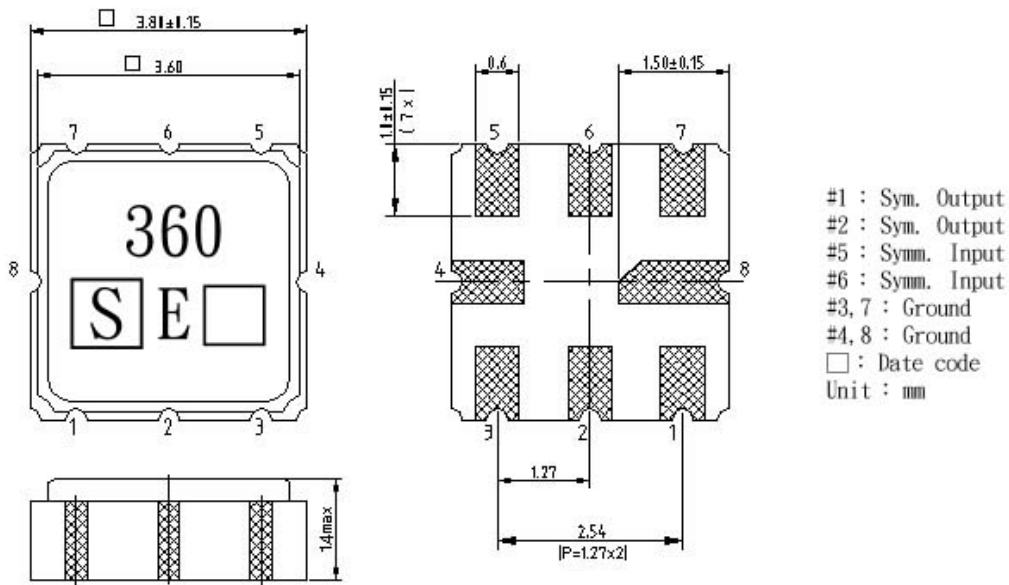
Source impedance



Load impedance

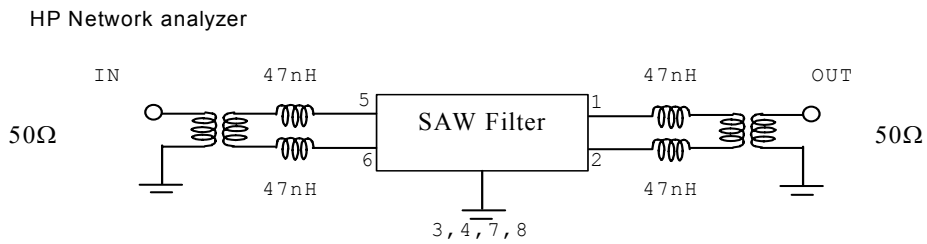


C.OUTLINE DRAWING:

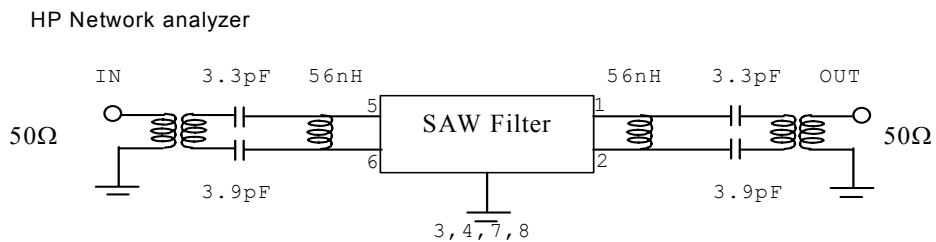


D. MEASUREMENT CIRCUIT:

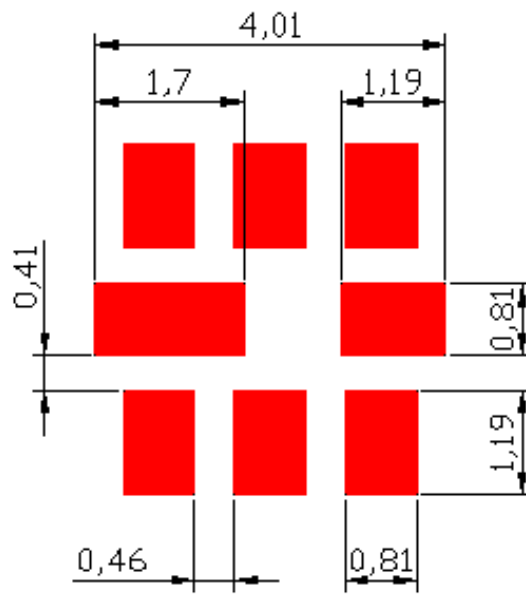
50 Ohm Test circuit 1



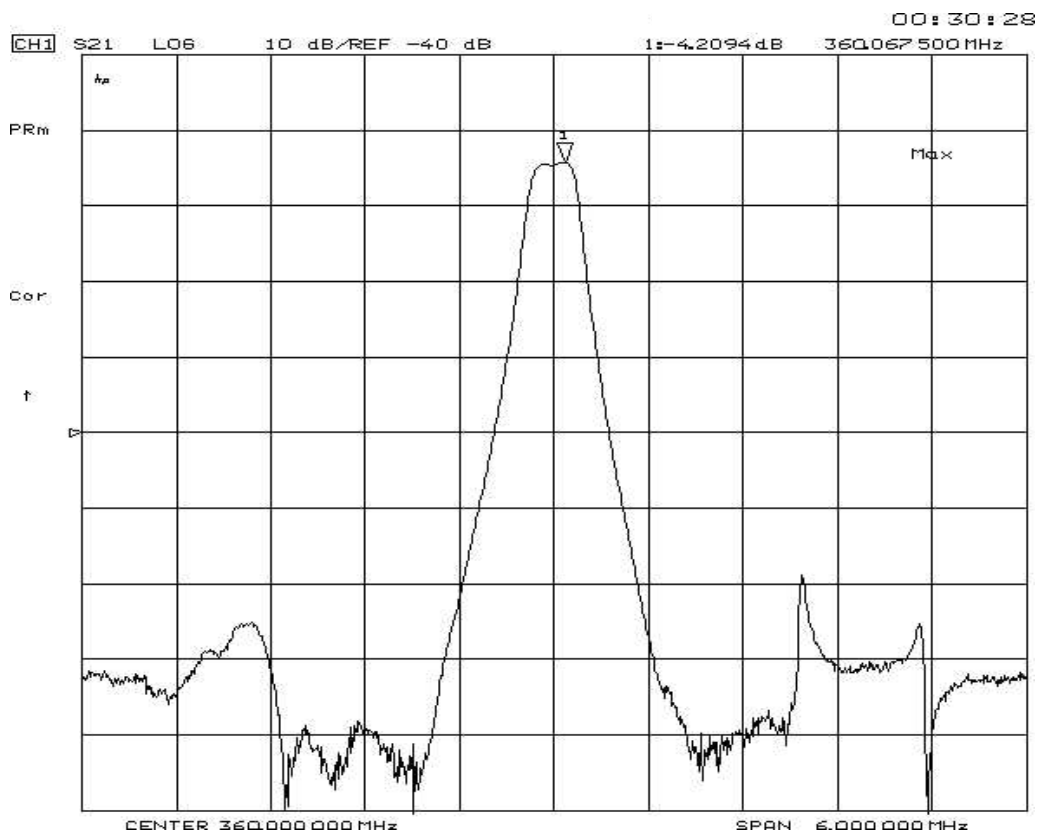
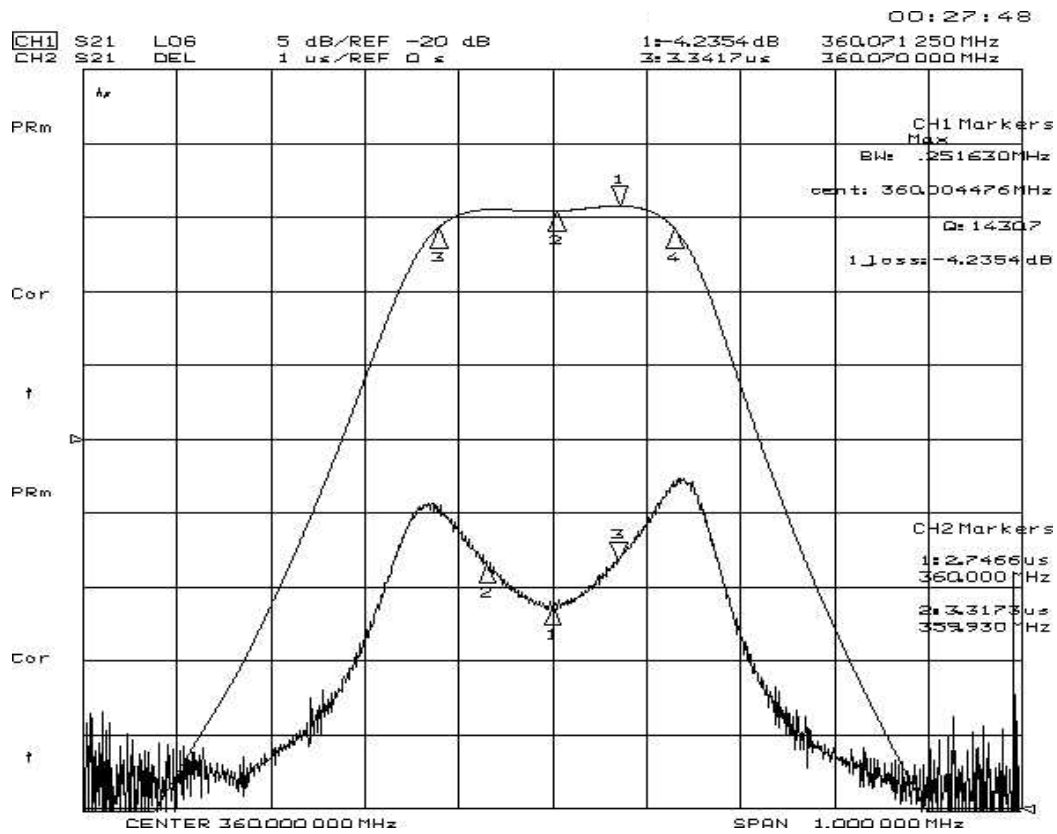
50 Ohm Test circuit 2

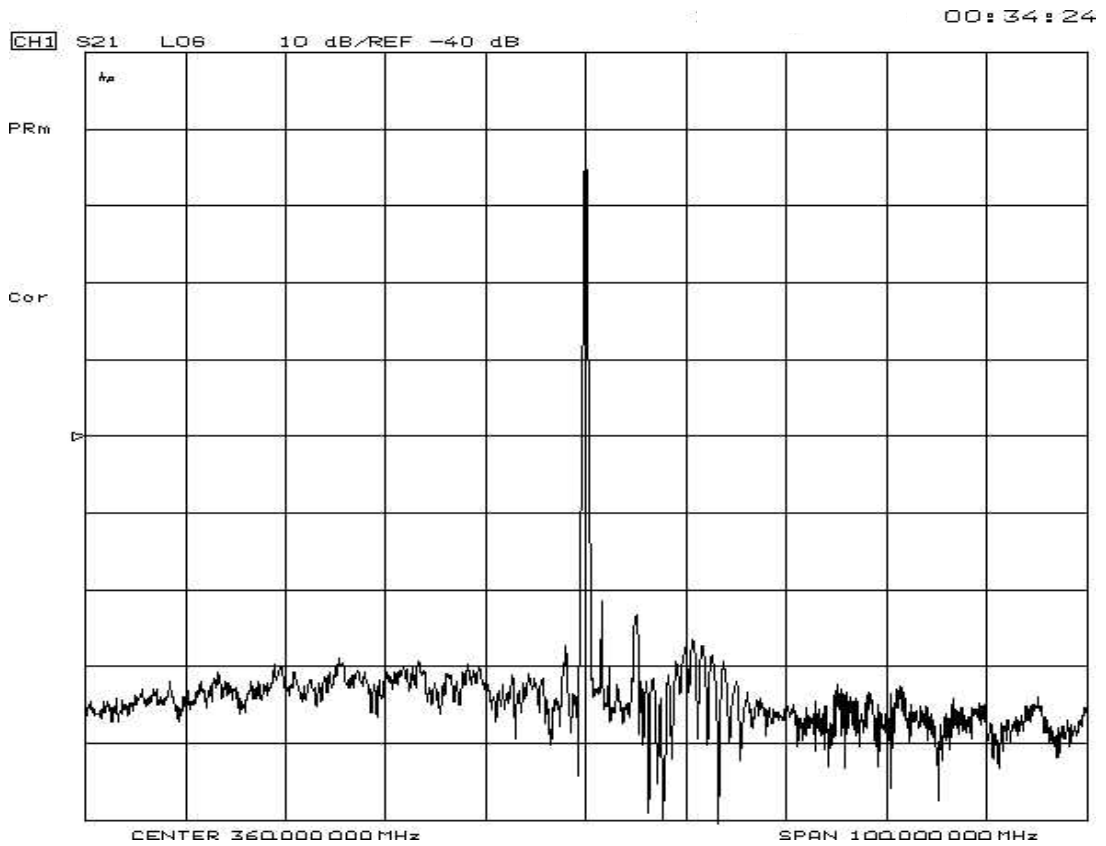
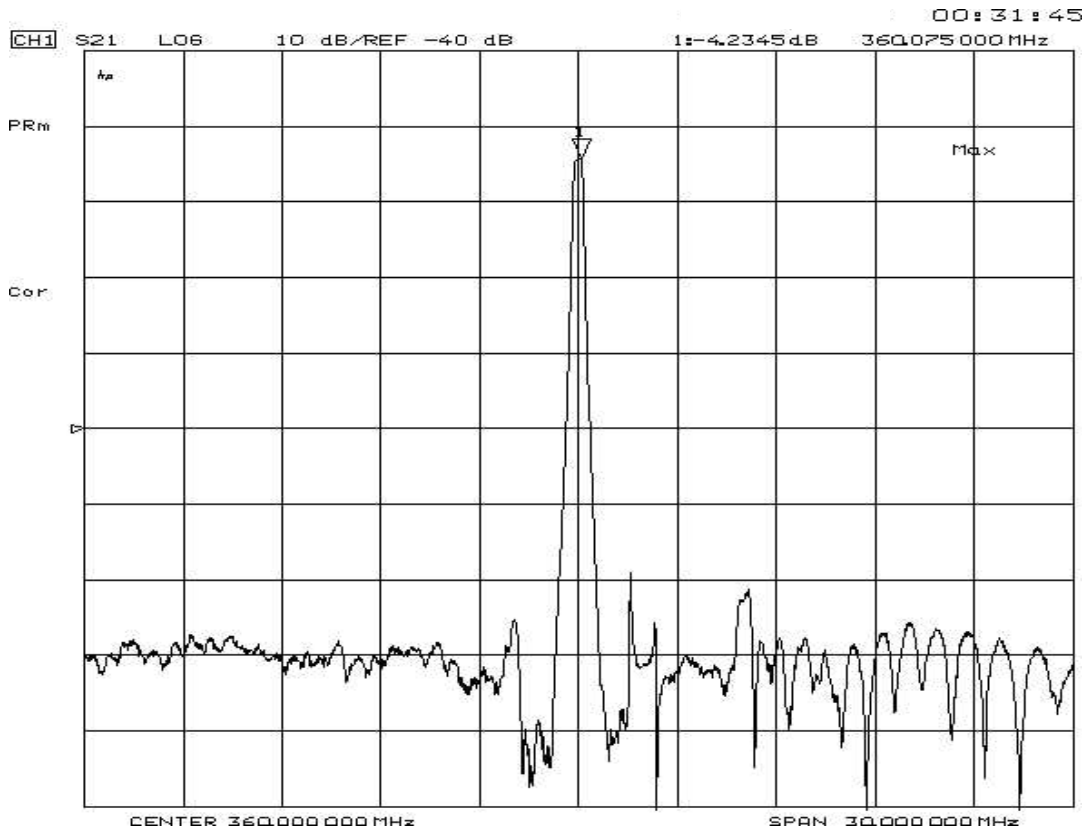


E. PCB Footprint:



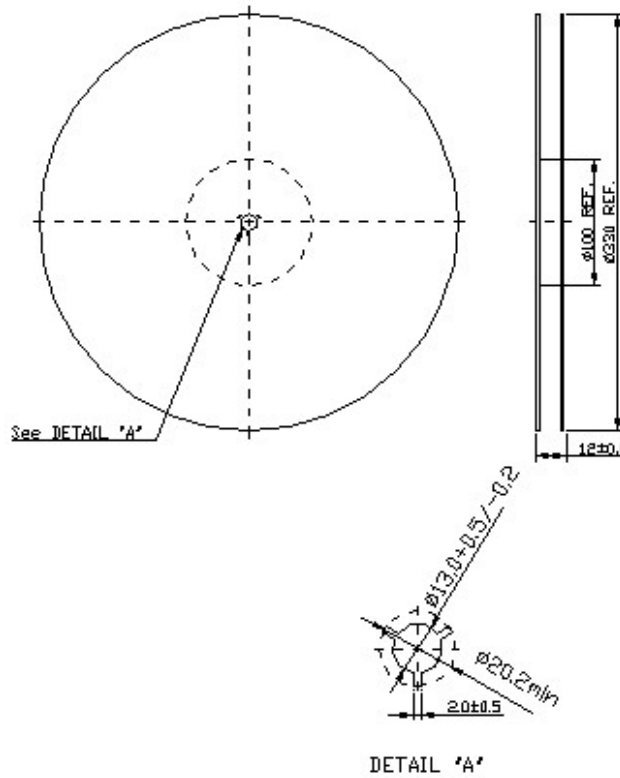
F. Frequency Characteristics :



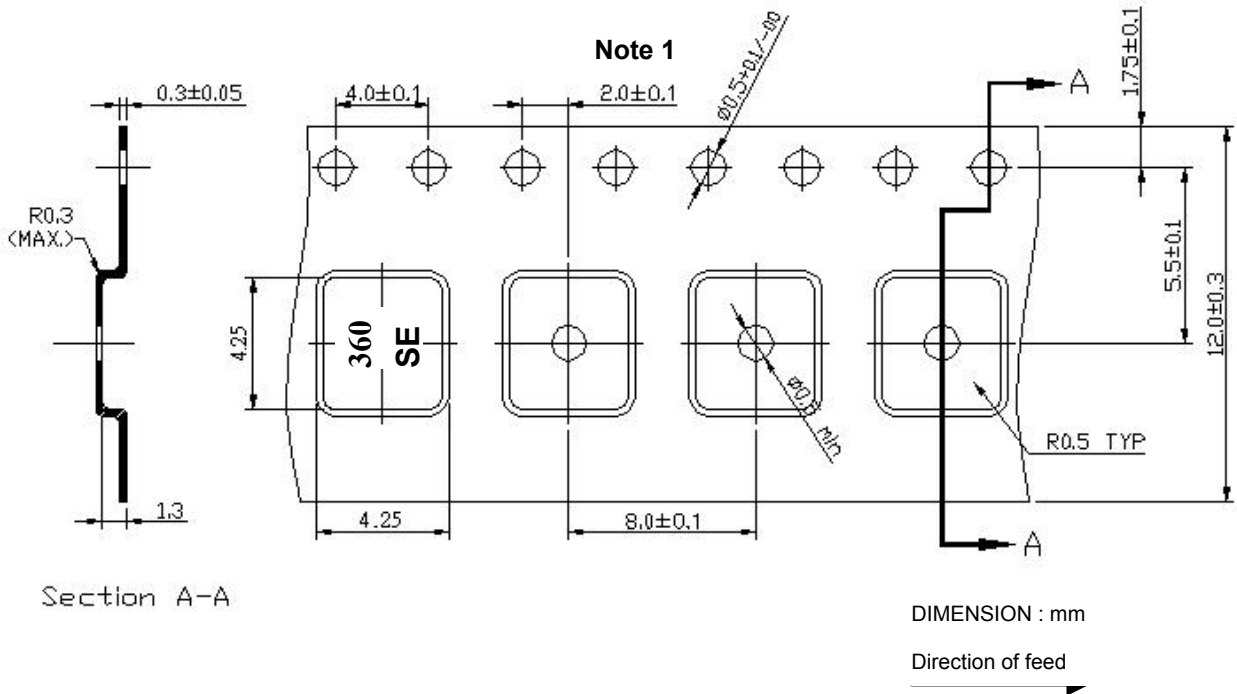


G. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION



Note :

1. Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole.

H. REFLOE PROFILE:

