



TAI-SAW TECHNOLOGY CO., LTD.

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

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Product Specifications Approval Sheet

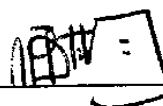
Product Description: SAW Filter 364.5 MHz SMD 5.0X5.0 mm

TST Part No.: TA1210A

Customer Part No.: _____

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

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 5, 27, 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 364.5 MHz

MODEL NO.: TA1210A

REV. NO.:1

A. MAXIMUM RATING:

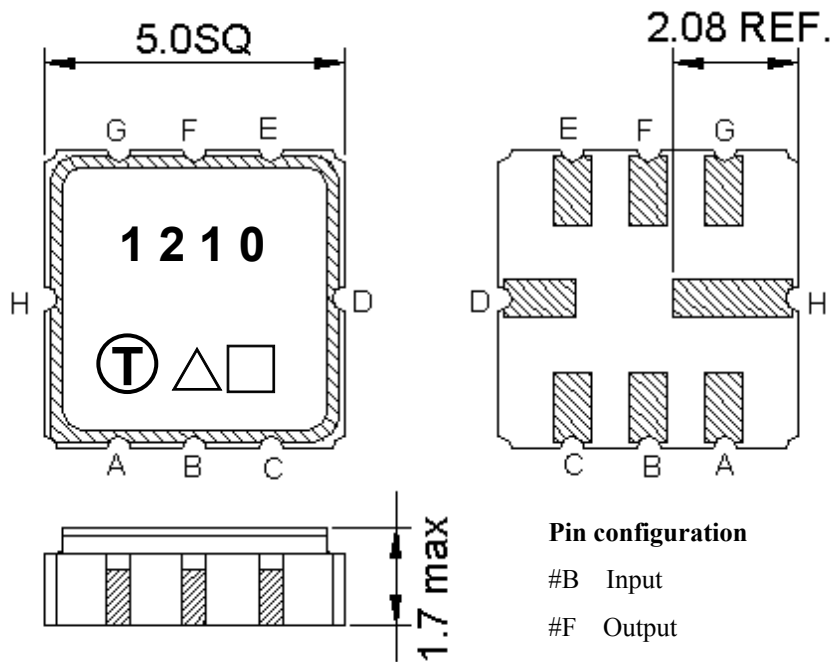
1. Input Power Level: 10 dBm
2. DC voltage: 3 V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency F_c	MHz	-	364.5	-
Insertion loss (361 ~ 368 MHz) IL	dB	-	2	3.5
Amplitude Ripple (361 ~ 368 MHz)	dB	-	0.7	2
VSWR (361~368 MHz)		-	1.5	2
Attenuation (Reference level from 0 dB)				
10 ~ 350 MHz	dB	40	50	-
350 ~ 355 MHz	dB	11	36	-
378 ~ 382 MHz	dB	28	39	-
382 ~ 920 MHz	dB	35	44	-
920 ~ 1220 MHz	dB	40	42	-
Source impedance Z_s	Ω	-	50	-
Load impedance Z_L	Ω	-	50	-
Temperature Coefficient	ppm/°C	-	-36	-

C. OUTLINE DRAWING:



Pin configuration

#B Input

#F Output

#A,C,D,E,G,H To be grounded

△ Year code

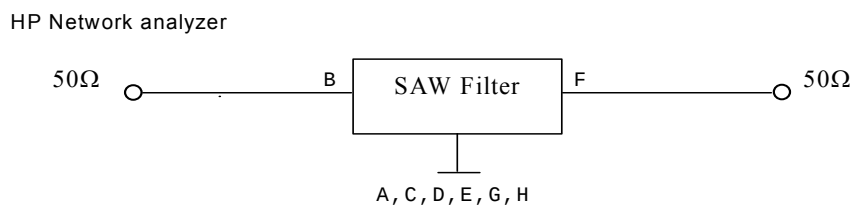
□ Date code (W01->A,...W52->z)

Unit mm

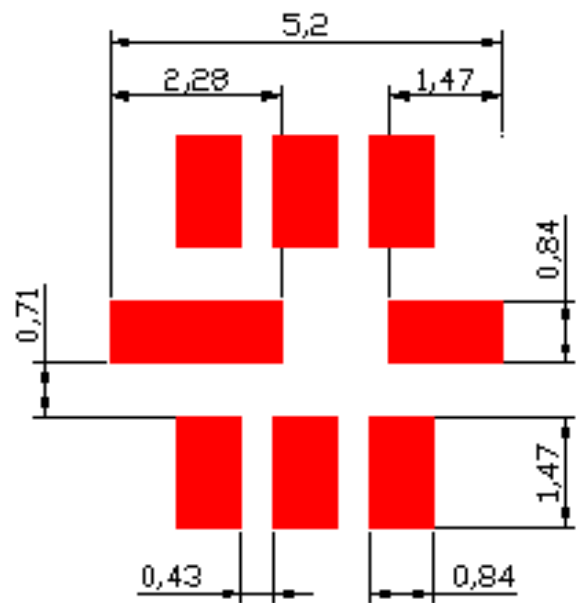
△ : Product / Year Code

Year	2009 2013	2010 2014	2011 2015	2012 2016
Product Code	A	a	<u>A</u>	<u>a</u>

D. MEASUREMENT CIRCUIT:

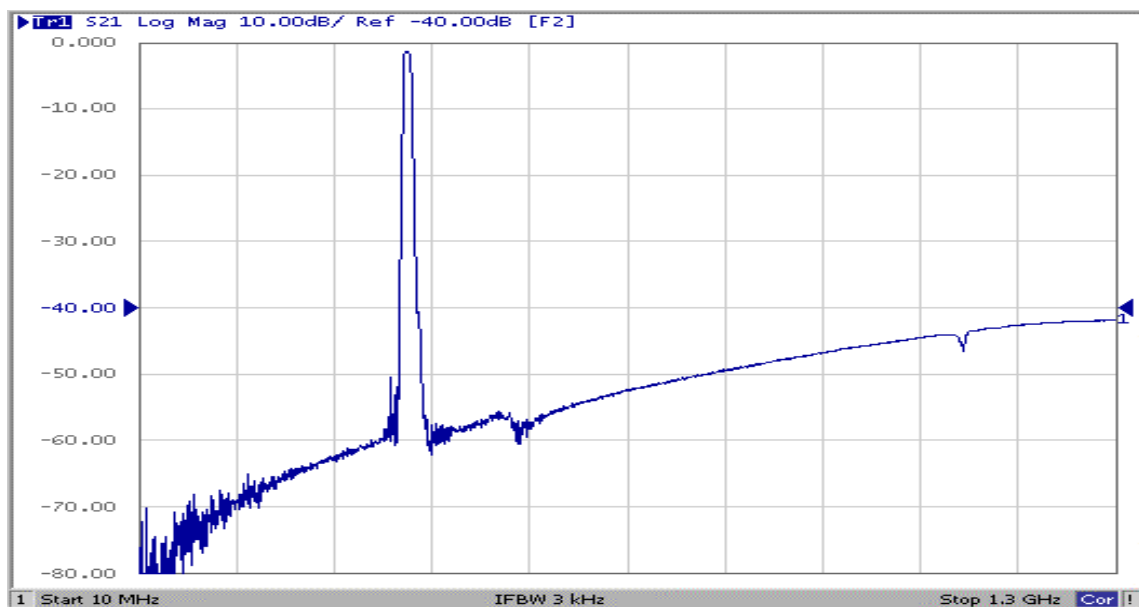
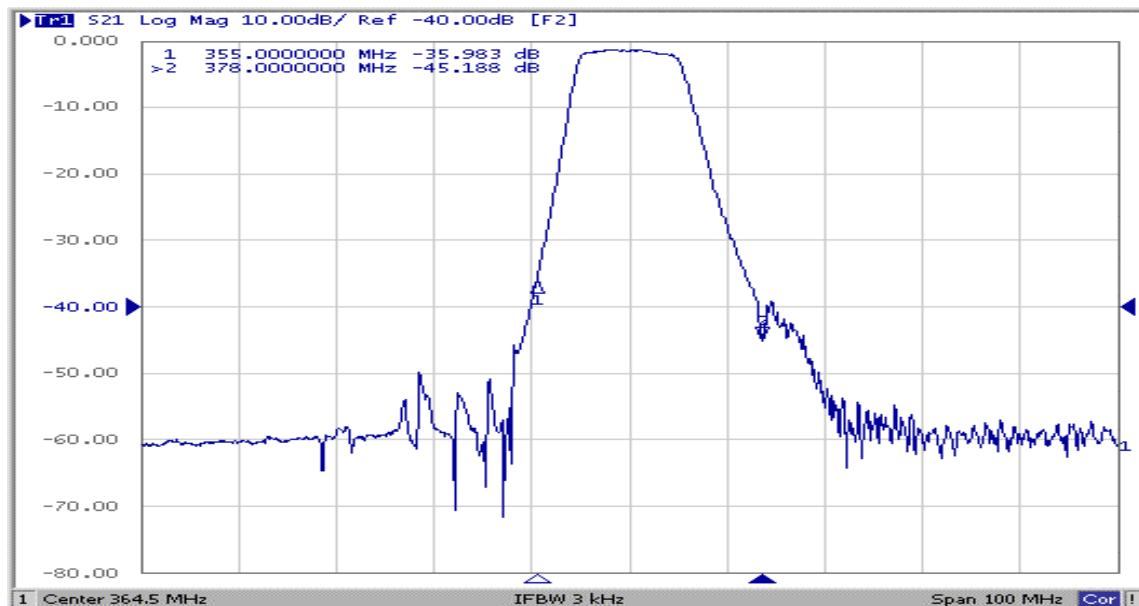
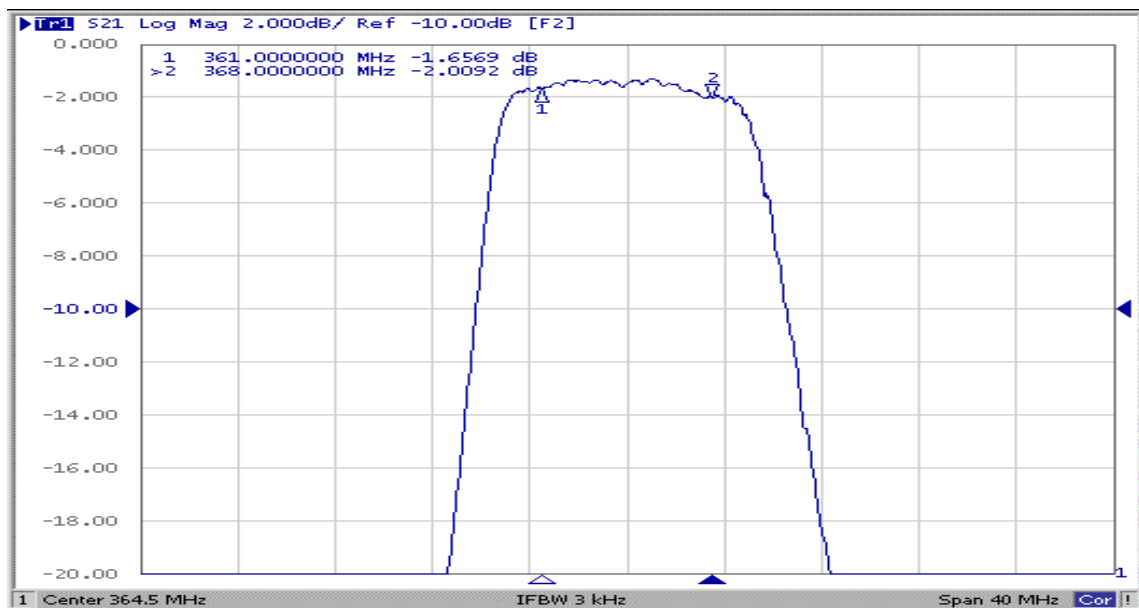


E. PCB Footprint:



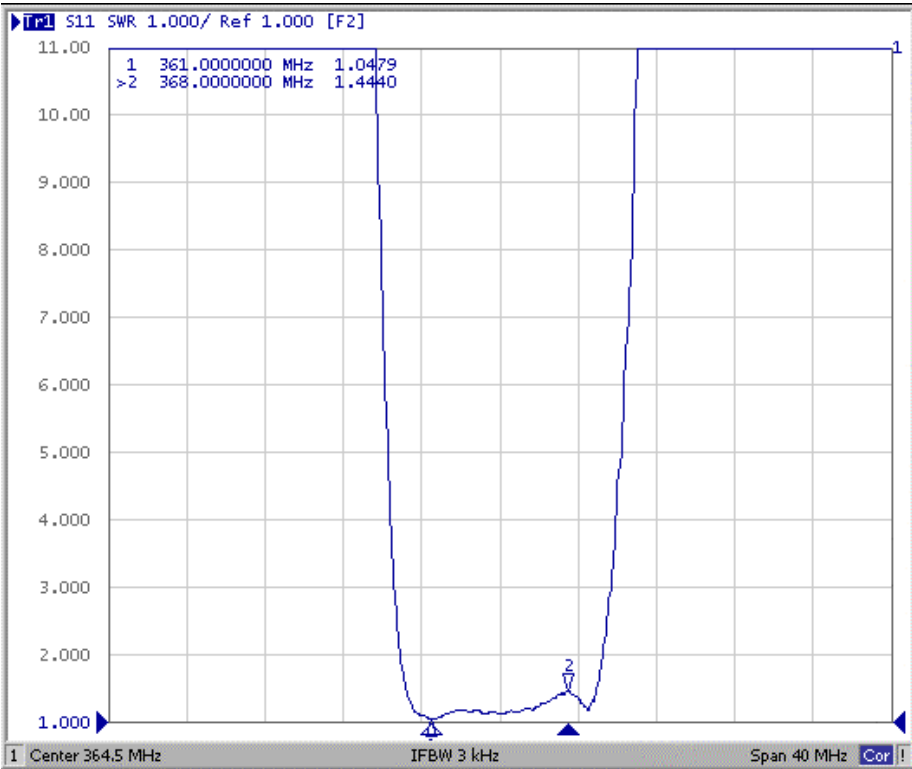
F. Frequency Characteristics :

Transfer function

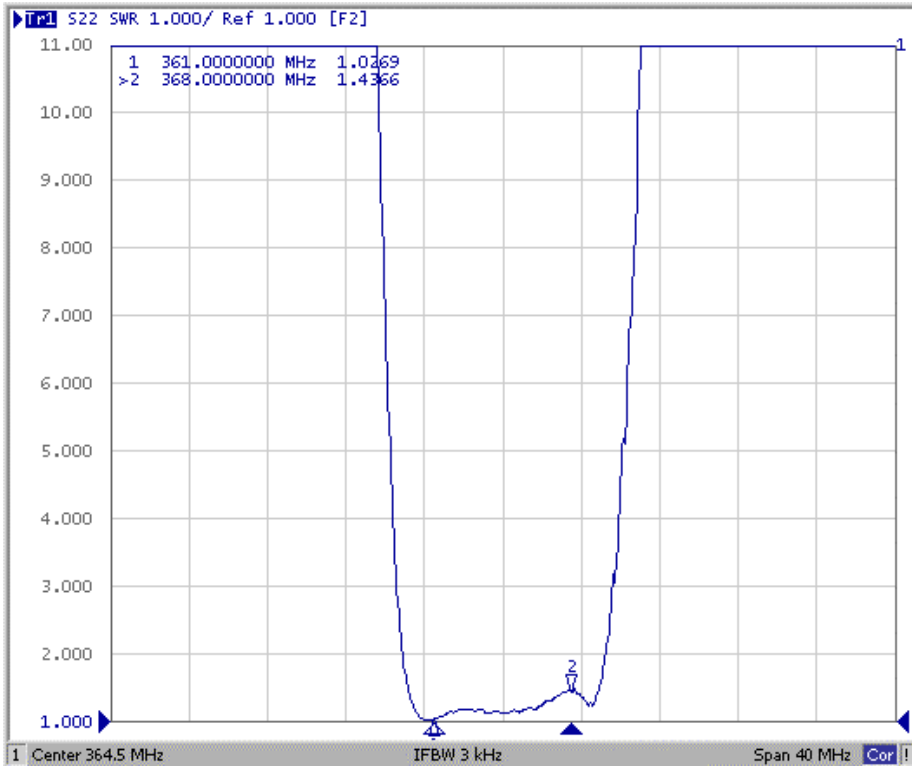


Reflection Functions :

S11

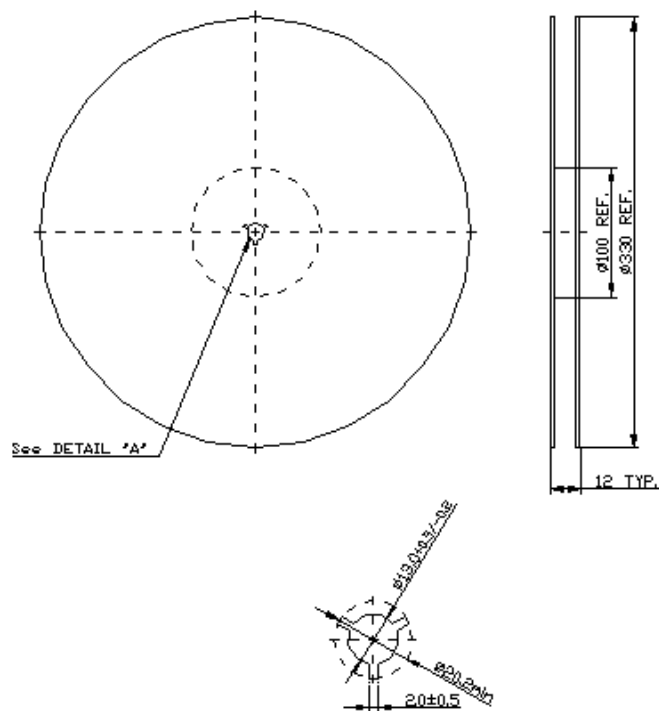


S22

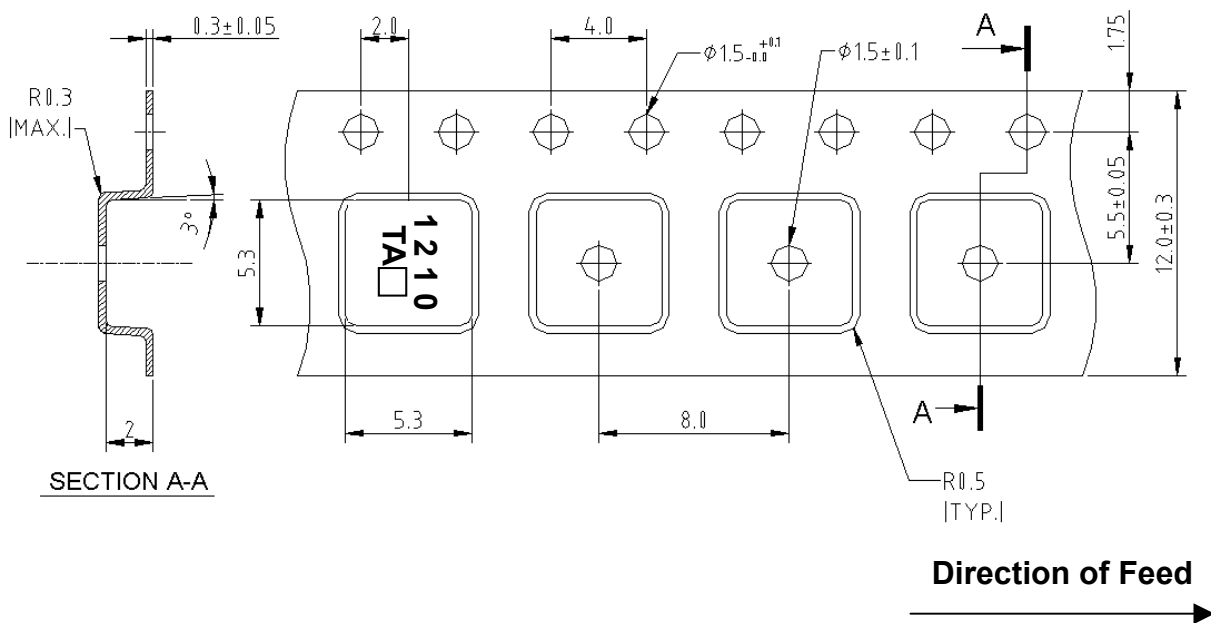


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



G.RECOMMENDED REFLOW PROFILE:

