



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

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Product Specifications Approval Sheet

Product Description: SAW Filter 1227.6 MHz SMD 2.0x1.6 mm

TST Part No.: TA1184A

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ David Chang 張閔智

Approved by: _____ Francis Chen 陳國

Date: _____ 2010/10/22

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 1227.6 MHz

MODEL NO.: TA1184A

REV. NO.:2

A. MAXIMUM RATING:

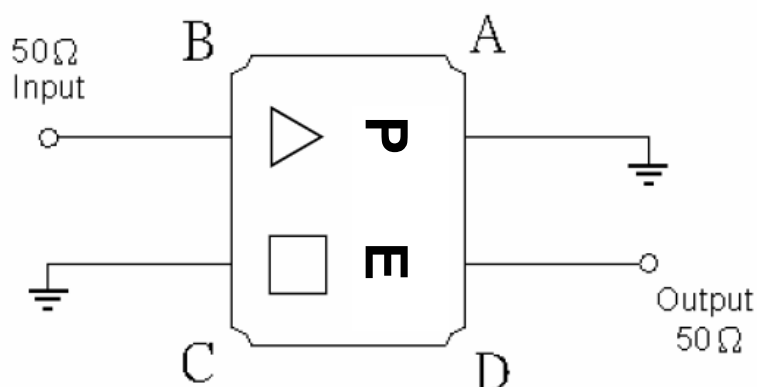
1. Input Power Level: 20 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -55°C to +105°C
4. Storage Temperature: -55°C to +105°C

RoHS Compliant
Lead free
Lead-free soldering

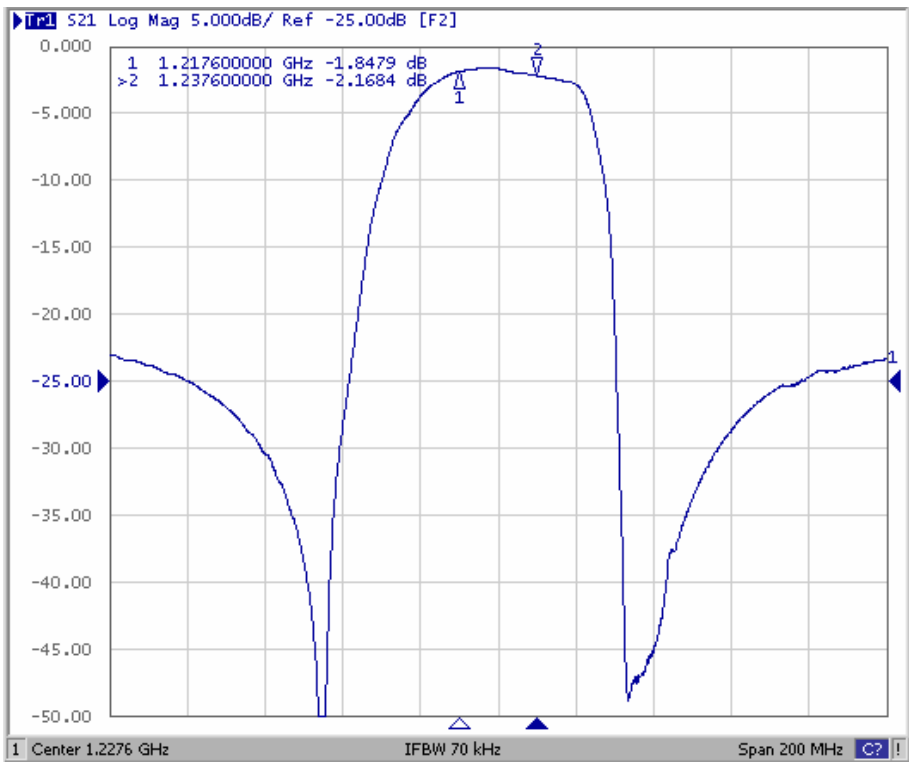
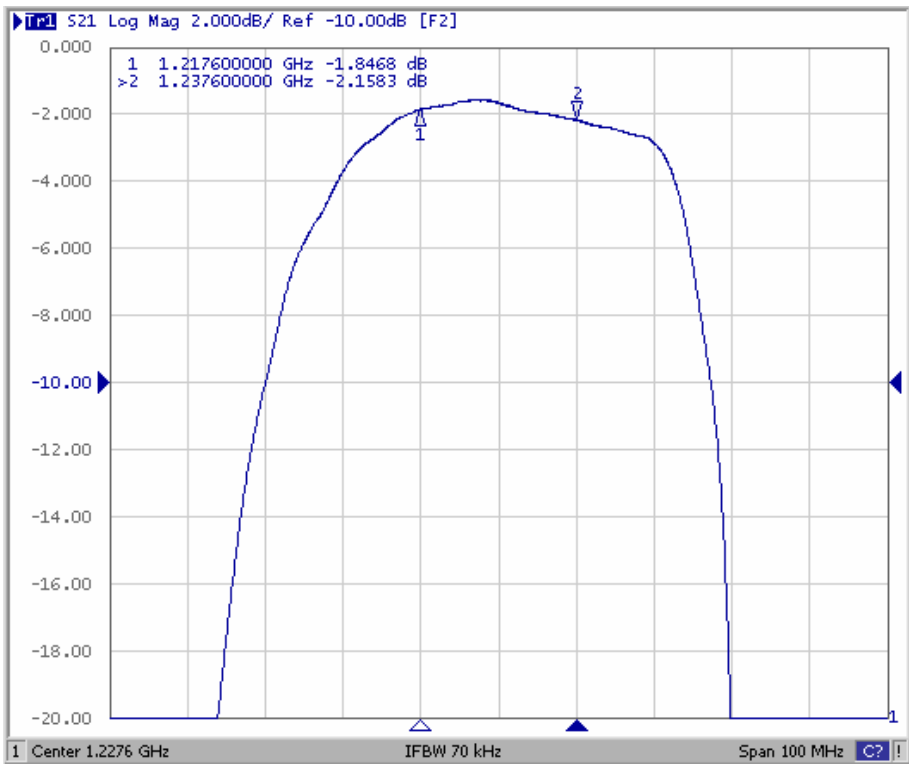
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.
Center frequency Fc	MHz	-	1227.6	-
Minimum Insertion Loss IL _{min}	dB	-	1.6	2.5
Bandwidth @ -3 dB	MHz	20	45	-
Amplitude Ripple (1217.6~1237.6 MHz)	dB	-	0.9	2
Return Loss (1217.6~1237.6 MHz)	dB	8	11	-
Group Delay (1217.6~1237.6 MHz)	ns	-	7	26
Group Delay Ripple (1217.6~1237.6 MHz)	ns	-	59	70
Attenuation (Reference level from 0 dB)				
300 ~ 1152 MHz	dB	15	20	-
1302 ~ 1900 MHz	dB	15	21	-
1900 ~ 3000 MHz	dB	15	22	-

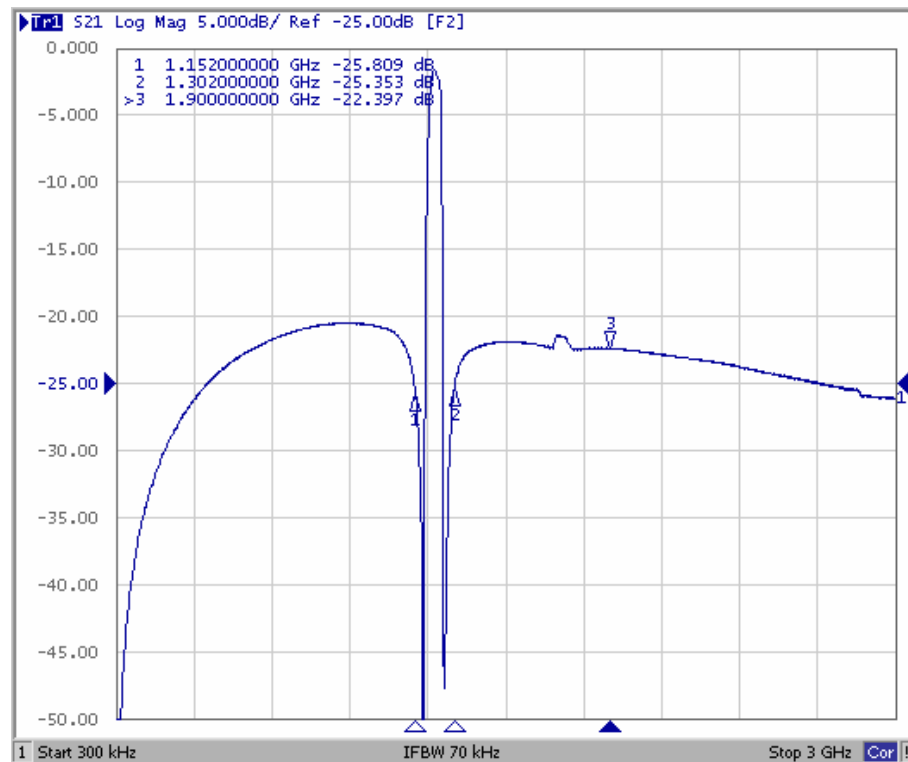
C. MEASUREMENT CIRCUIT:



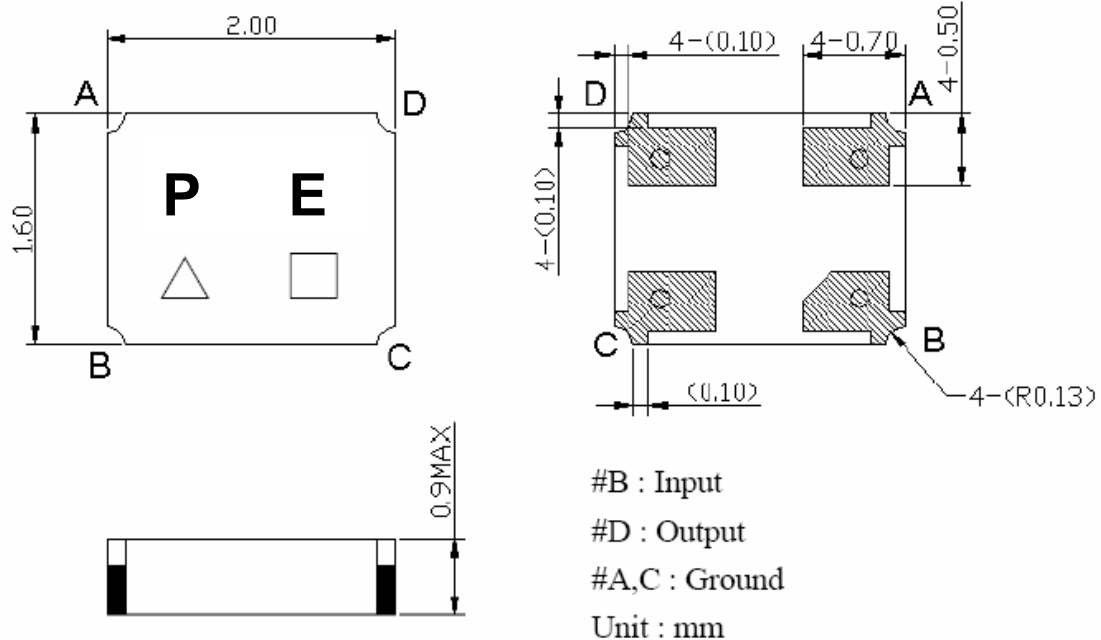
D. Frequency Characteristics :



(wideband)



E.OUTLINE DRAWING:



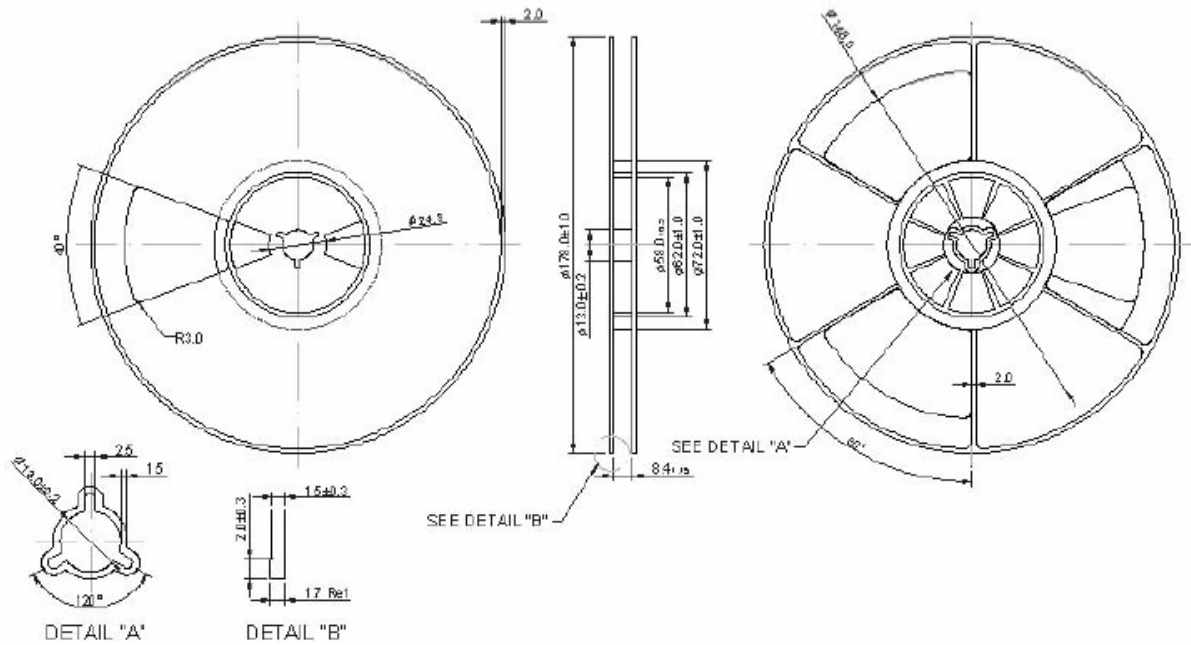
△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (Follow the table from planner each year)

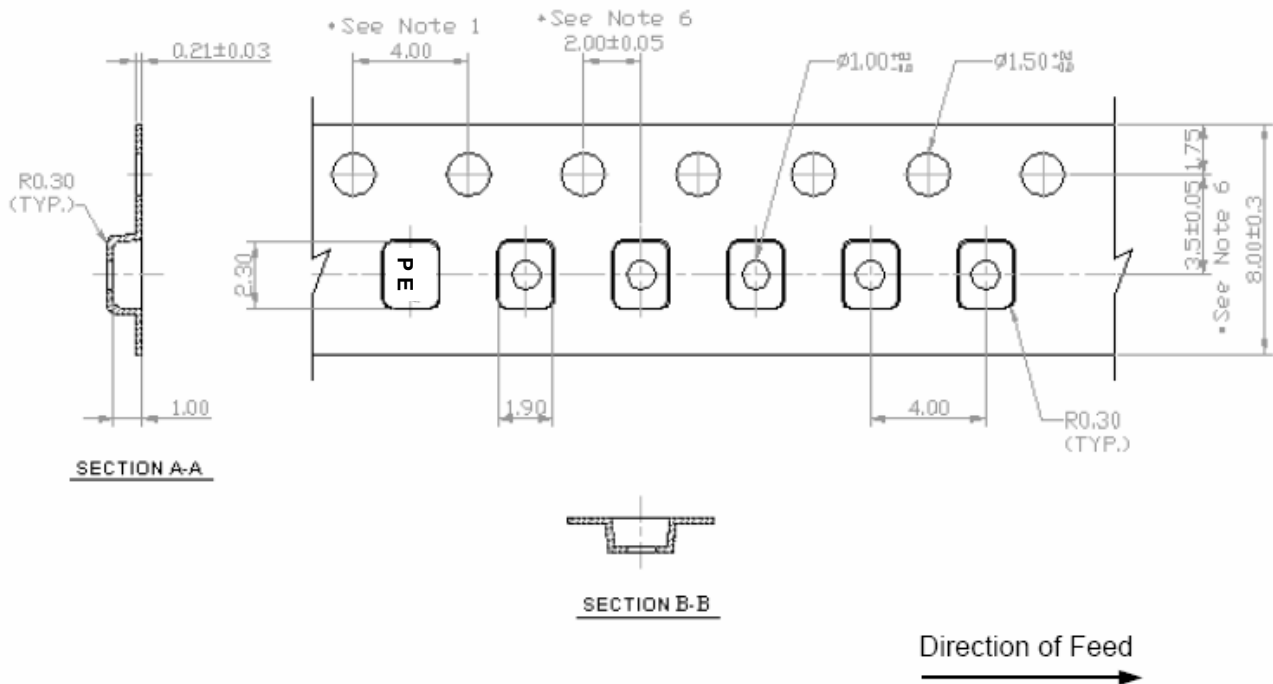
F. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=2000 typ. ; 13"=10000 typ.)



2. TAPE DIMENSION



G. RECOMMENDED REFLOW PROFILE :

