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 Filter 1980 MHz SMD 3.0x3.0 mm

TST Part No.: TA1220A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ David Chang 張閔智 _____

Approved by:_____ Francis Chen _____

Date:_____ 2010/07/01 _____

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 Filter 1980 MHz

MODEL NO.: TA1220A REV. NO.:1

A. MAXIMUM RATING:

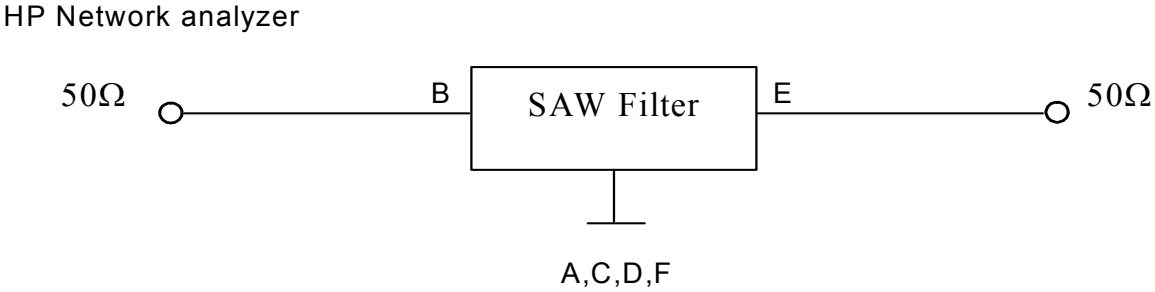
RoHS Compliant
Lead free
Lead-free soldering

1. Input Power Level: 15 dBm
2. DC Voltage : 3 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

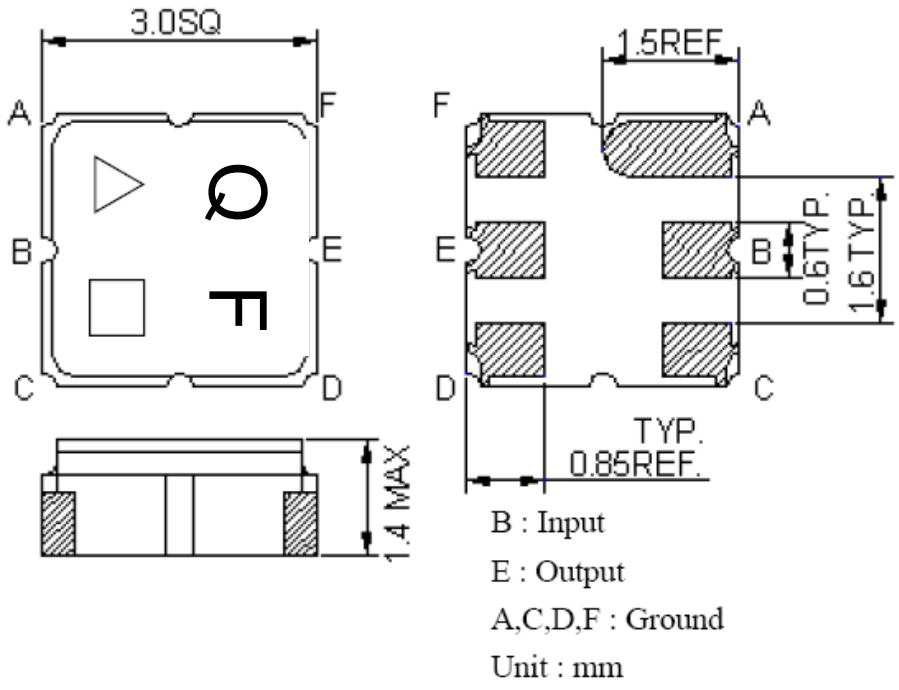
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency **Fc**	MHz	-	1980	-
Insertion Loss (1965~1995 MHz) **IL**	dB	-	2.3	3.5
Amplitude Ripple (1965~1995 MHz)	dB	-	0.7	2.0
Input/Output Return Loss (1965~1995 MHz)	ns	11	13	-
Attenuation (Reference level from 0 dB)				
DC ~ 1850 MHz	dB	20	36	-
1850 ~ 1915 MHz	dB	25	38	-
3930 ~ 3990 MHz	dB	20	34	-
3990 ~ 6000 MHz	dB	17	19	-

C. MEASUREMENT CIRCUIT:



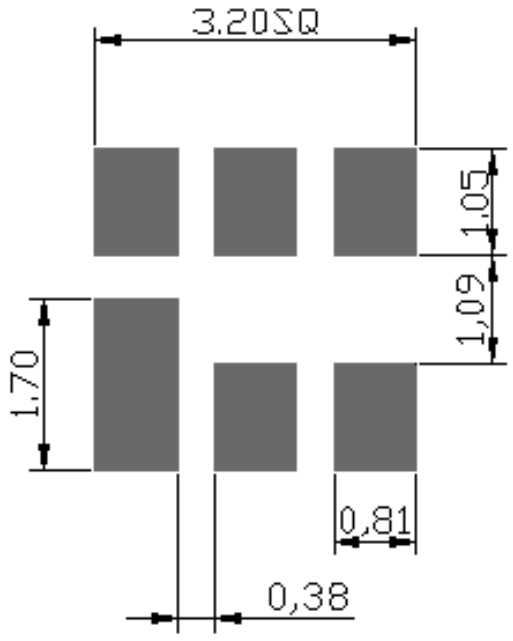
D. OUTLINE DRAWING:



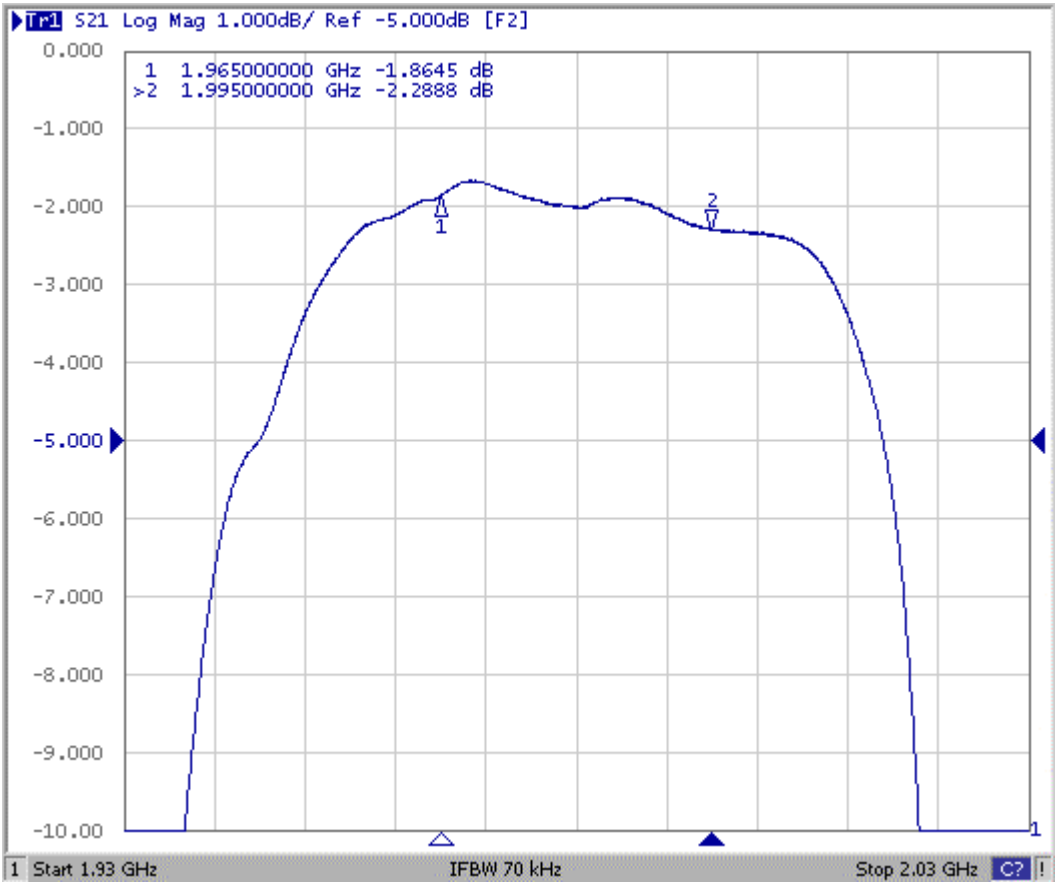
△ : Year Code (2006->6, …, 2009->9)

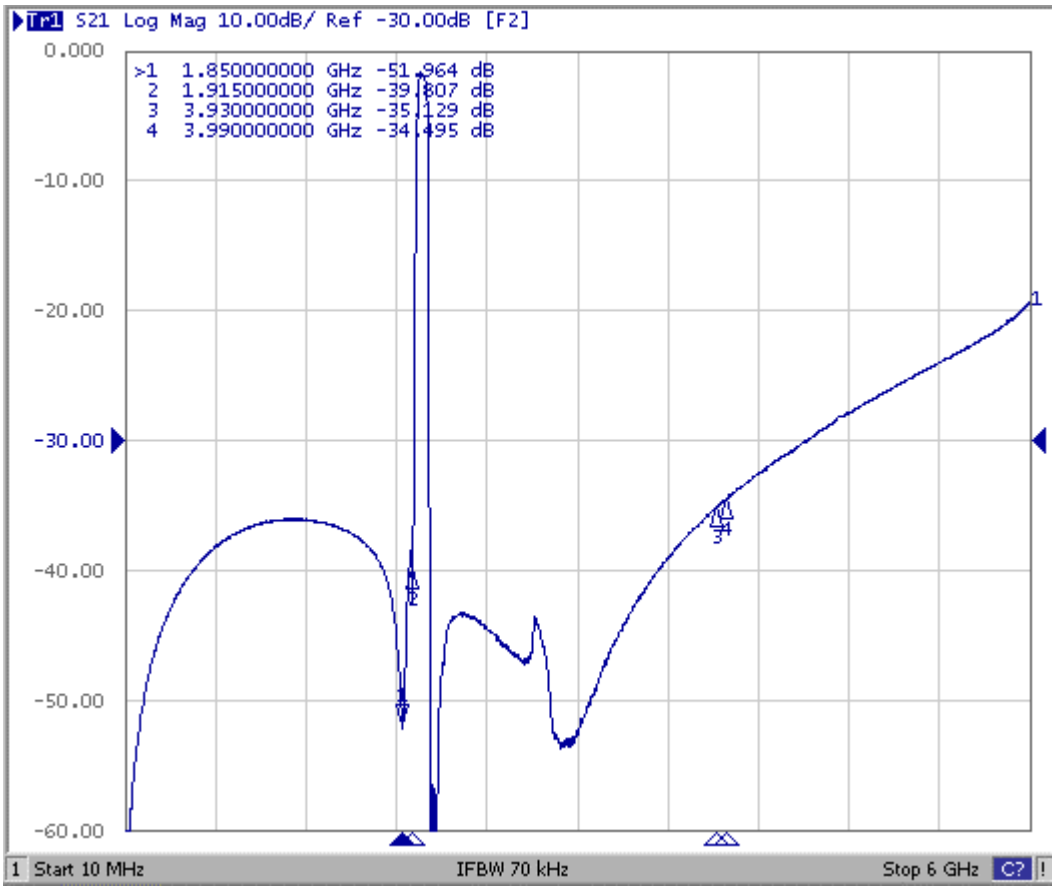
□ : Date Code (W01->A,W02->B,…W27->a,…,W52->z)

E. PCB Footprint:



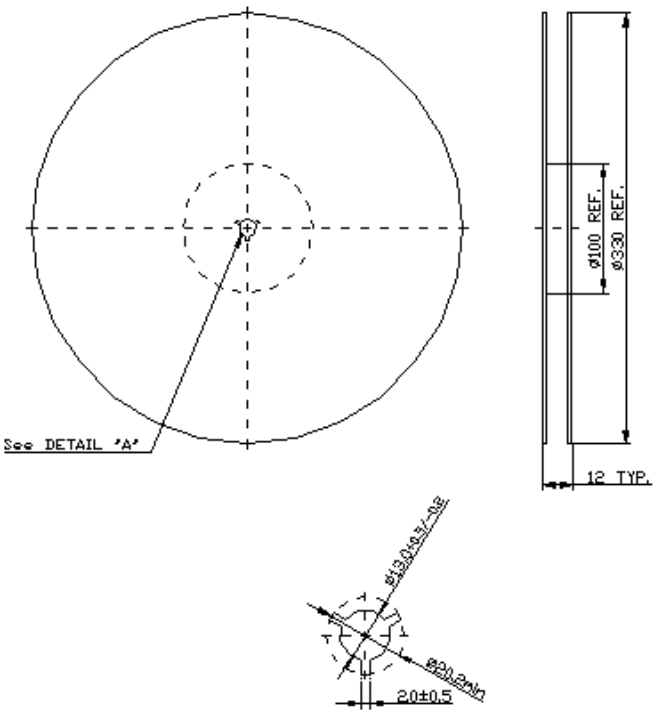
F. Frequency Characteristics :



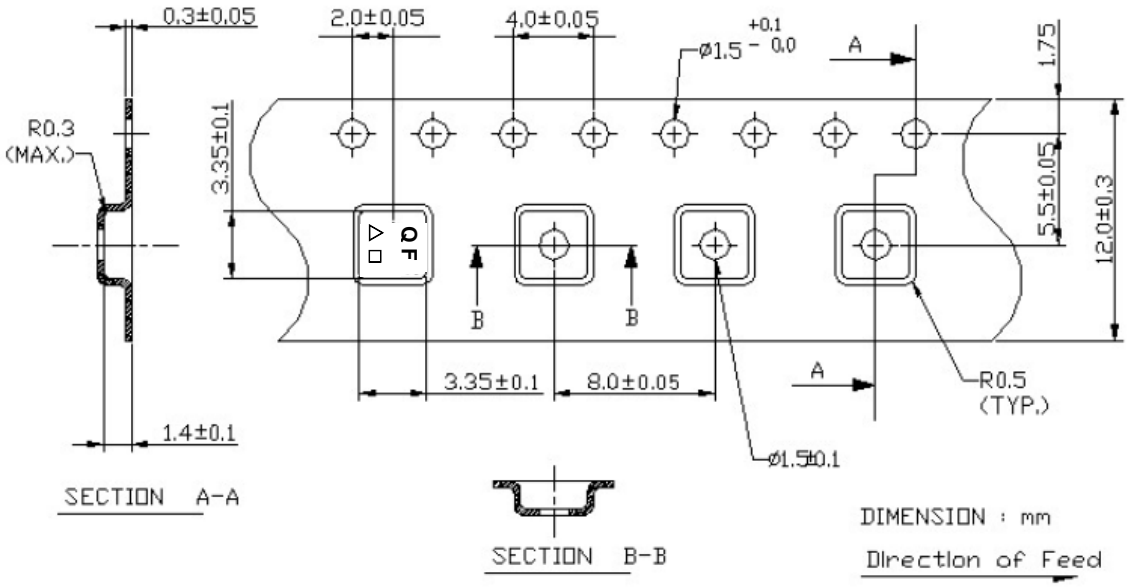
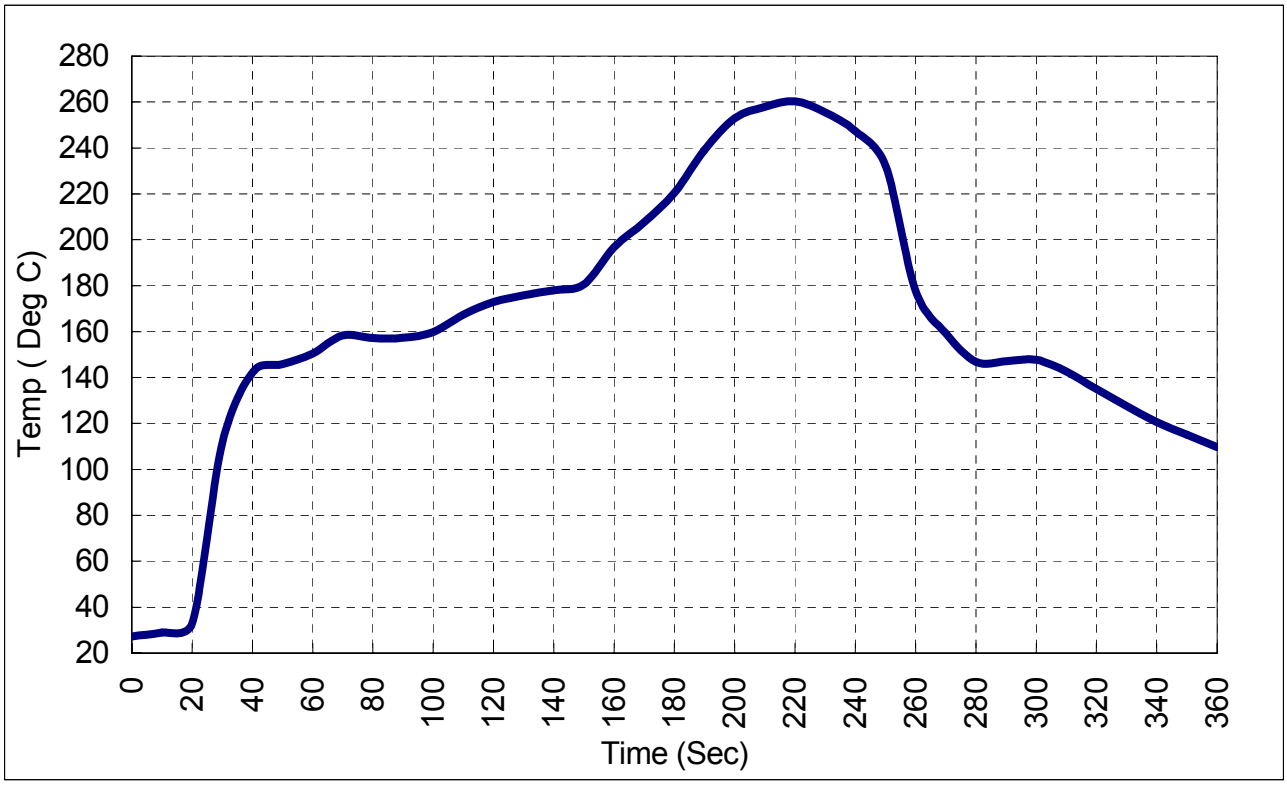


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :