



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 932 MHz SMD 3.0x3.0 mm

TST Part No.: TA1148A

Customer Part No.: _____

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

Checked by: _____ David Chang 張閔智

Approved by: _____ Francis Chen 張閔智

Date: _____ 2010/01/08

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 932 MHz

MODEL NO.: TA1148A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 16 dBm
2. DC Voltage : 3 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

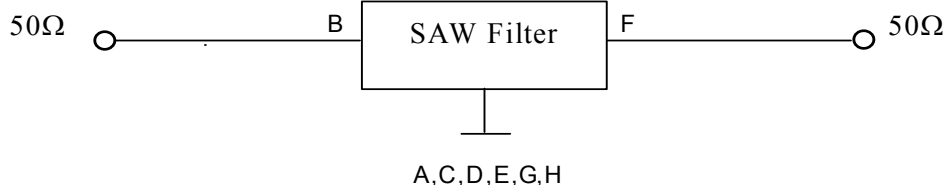
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

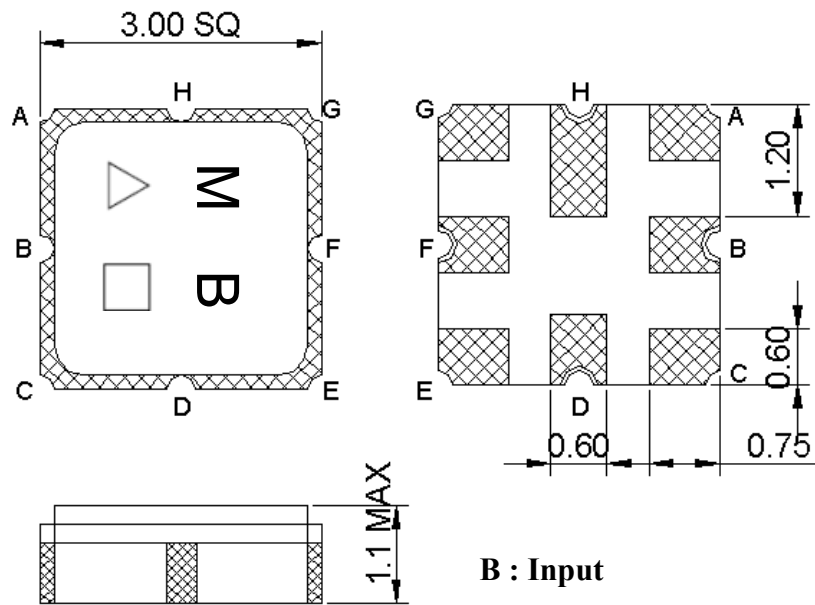
Item	Unit	Min.	Type.	Max.
Center frequency Fc	MHz	-	932	-
Insertion Loss (930~934 MHz) IL	dB	-	2.6	3.2
Amplitude Ripple (930~934 MHz)	dB	-	0.5	2.5
VSWR (930~934 MHz)	dB	-	1.7	2.2
Attenuation (Reference level from 0 dB)				
10 ~ 880 MHz	dB	35	53	-
880 ~ 910 MHz	dB	35	52	-
910 ~ 915 MHz	dB	17	27	-
947 ~ 955 MHz	dB	15	24	-
955 ~ 960 MHz	dB	30	38	-
960 ~ 2500 MHz	dB	25	31	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D.OUTLINE DRAWING:



B : Input

F : Output

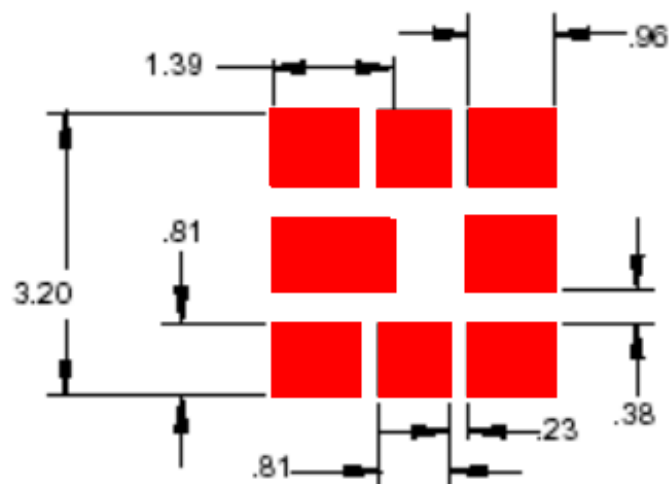
A, C, D, E, G, H : Ground

Unit : mm

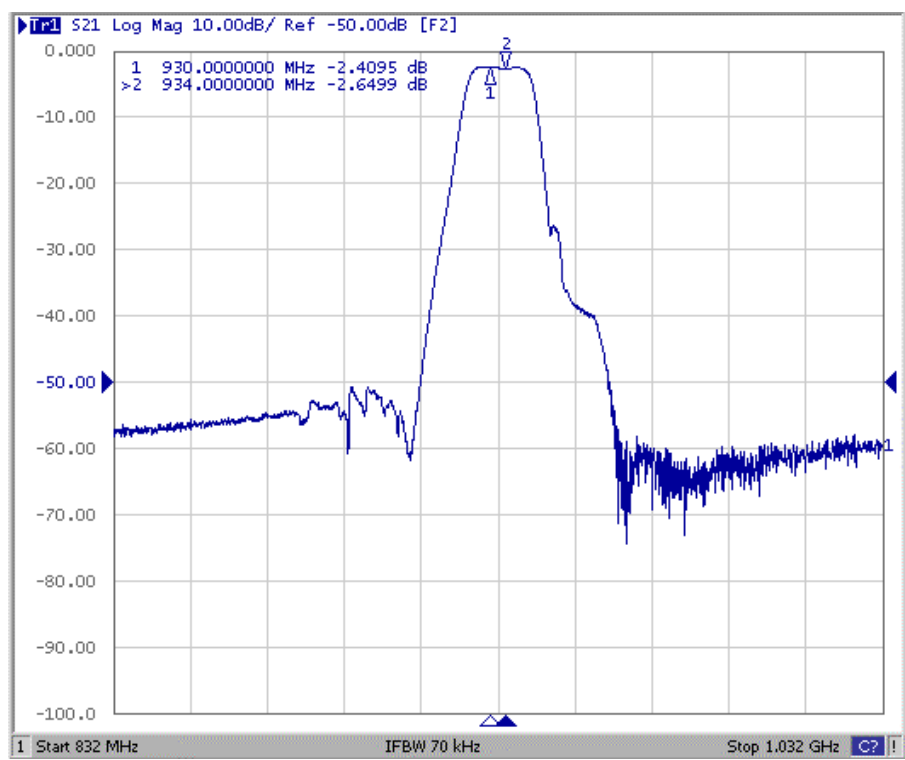
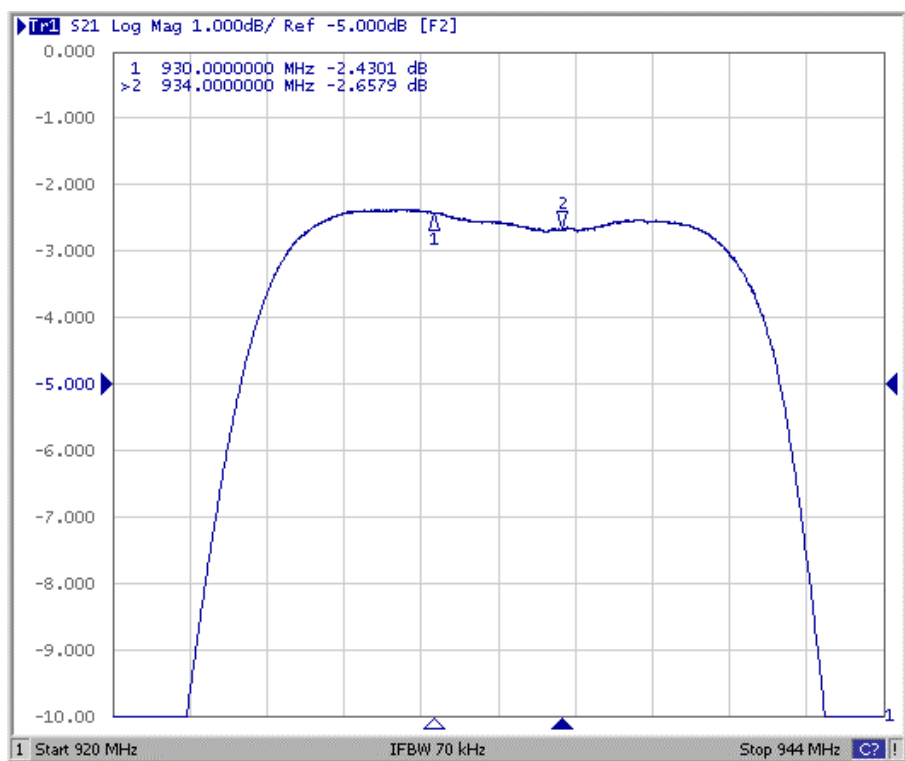
△ : Year Code (2006->6, ..., 2009->9)

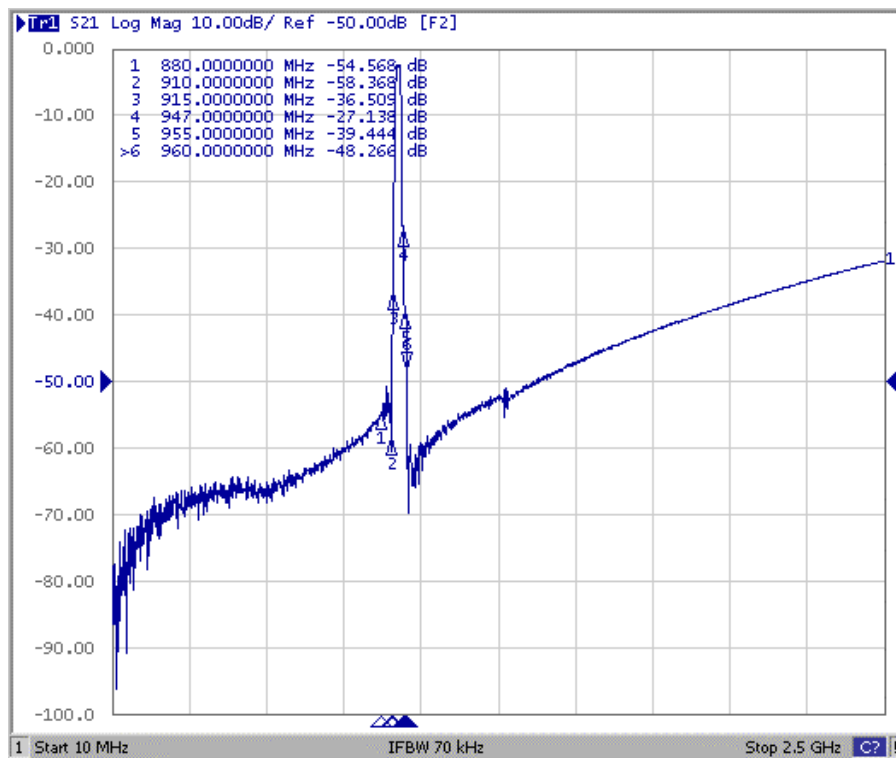
□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

E. PCB Footprint:



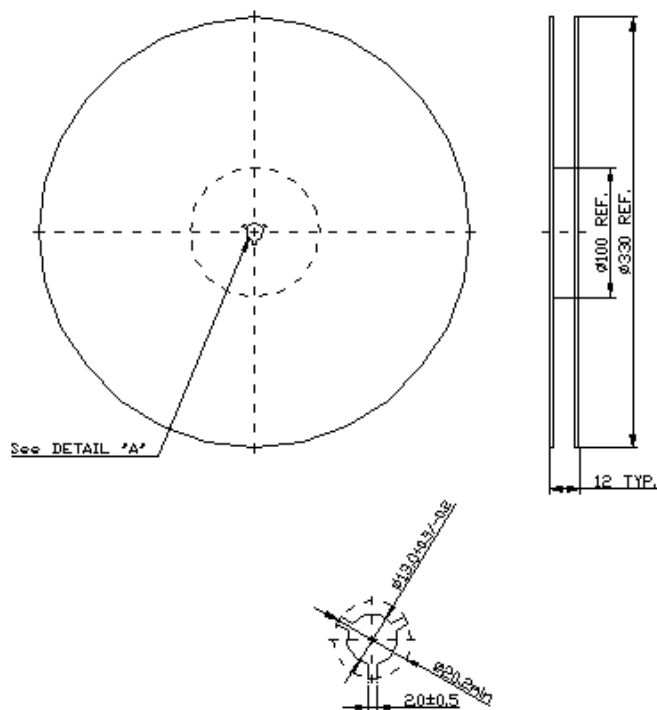
F. Frequency Characteristics :





G. PACKING:

1. REEL DIMENSION



Technical drawing of a mechanical part, showing top, side, and cross-sectional views with dimensions and tolerances.

Top View:

- Overall width: 12.0
- Overall length: 1.75
- Distance from left edge to first hole center: 2.0
- Distance between hole centers: 4.0
- Hole diameter: $\phi 1.5$
- Distance from right edge to last hole center: 3.35
- Distance from left edge to first hole center: 3.35
- Distance between hole centers: 8.0
- Feature labels: M, B, B
- Feature label: R0.5 (TYP.)
- Feature label: R0.3 (MAX.)
- Feature label: 0.3
- Feature label: 1.4
- Feature label: 5.5

Side View:

- Overall height: 1.4
- Overall width: 0.3
- Feature label: R0.3 (MAX.)

Cross-sectional View (SECTION A-A):

- Overall height: 1.4
- Overall width: 0.3
- Feature label: R0.3 (MAX.)

Cross-sectional View (SECTION B-B):

- Overall height: 1.4
- Overall width: 0.3
- Feature label: R0.3 (MAX.)

Direction of Feed: Indicated by an arrow pointing right.

The graph illustrates the temperature profile of a system over a 360-second period. The temperature starts at 25°C, rises to a plateau of 150°C between 40 and 100 seconds, then rises to a peak of 260°C at 220 seconds, and finally cools down to 110°C at 360 seconds.

Time (Sec)	Temp (Deg C)
0	25
20	28
40	145
60	150
80	155
100	150
120	175
140	180
160	195
180	220
200	250
220	260
240	250
260	180
280	145
300	148
320	135
340	120
360	110