



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 1892 MHz 60MHz BW SMD 3.0X3.0 mm

TST Part No.: TA1554A

Customer Part No.: _____

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

Checked by: _____ Justin Wu *Justin*

Approved by: _____ Francis Chen *[Signature]*

Date: _____ 2012/10/02

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 1892 MHz

MODEL NO.:TA1554A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +95°C

RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (ESD)

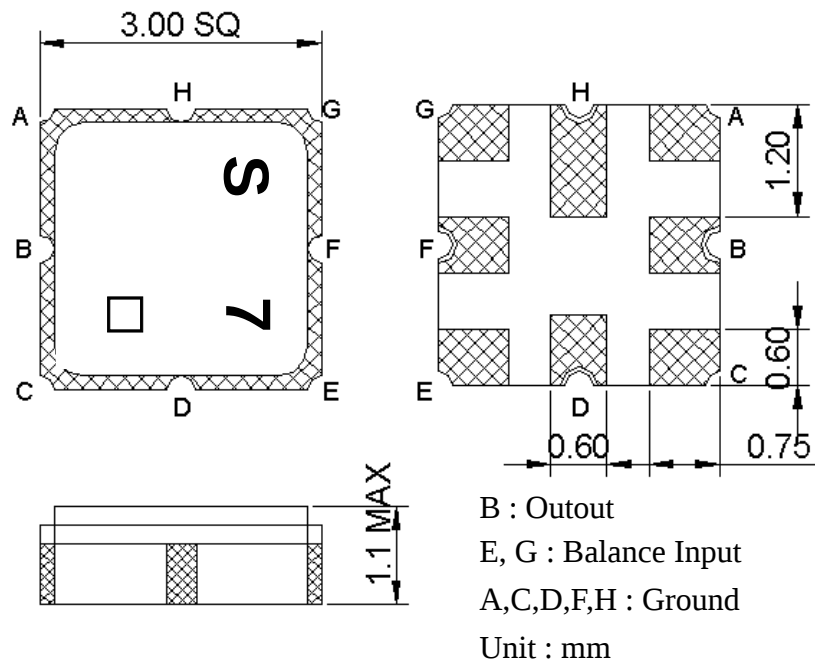
B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance (balanced) : $Z_s = 200 \ \Omega \ // \ 18nH$

Terminating load impedance (single ended) : $Z_L = 50 \ \Omega$

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1892	-	-
Bandwidth at -2 dB	MHz	60	88	-	-
Insertion Loss in 1862~1922 MHz	dB	-	3.5	5	-
Amplitude ripple (1862~1922 MHz)	dB	-	0.8	2	-
I/O VSWR (1862~1922 MHz)		-	1.9	2.5	-
Attenuation (reference level from 0 dB)					
50 ~ 1792 MHz	dB	39	52	-	-
2012 ~ 3212 MHz	dB	39	43	-	-
3212 ~ 4212 MHz	dB	32	37	-	-
4212 ~ 6000 MHz	dB	15	20	-	-

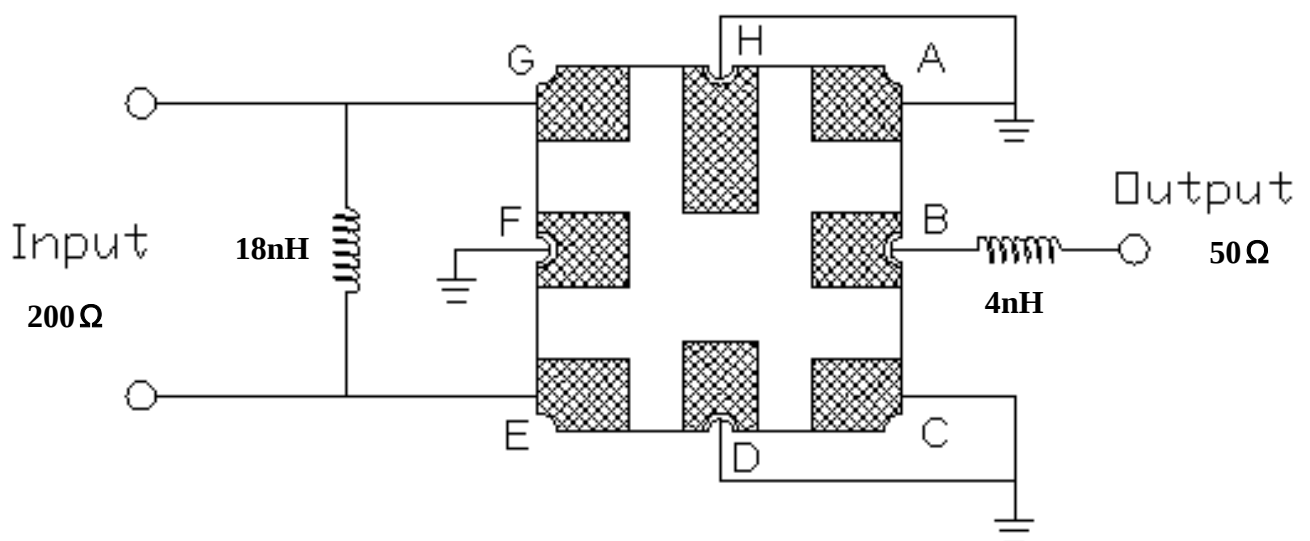
C.OUTLINE DRAWING:



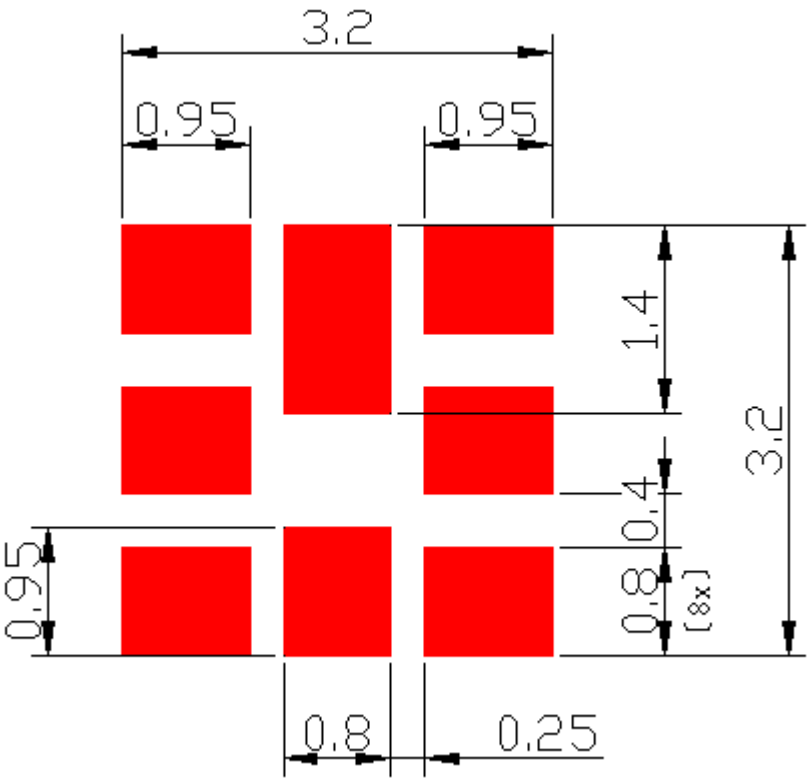
: Year Code (2012->2, ..., 2019->9)

□ : Date Code (W01->A,...W26->Z,...W52->z)

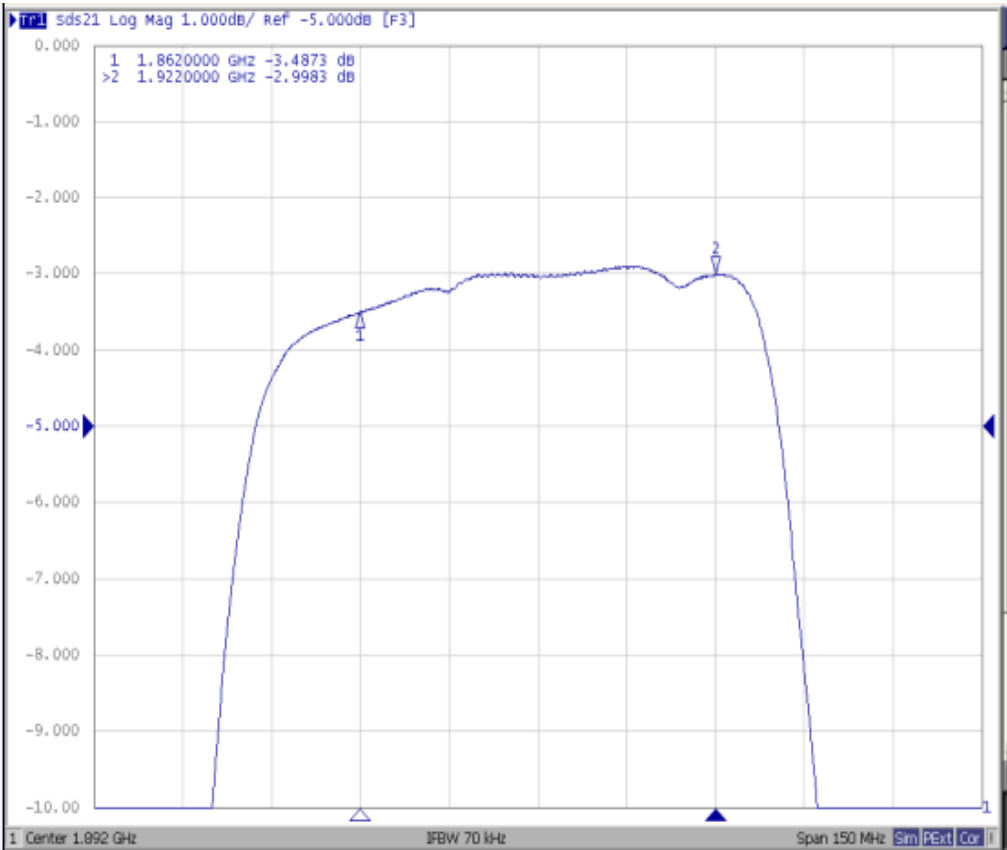
D. MEASUREMENT CIRCUIT:

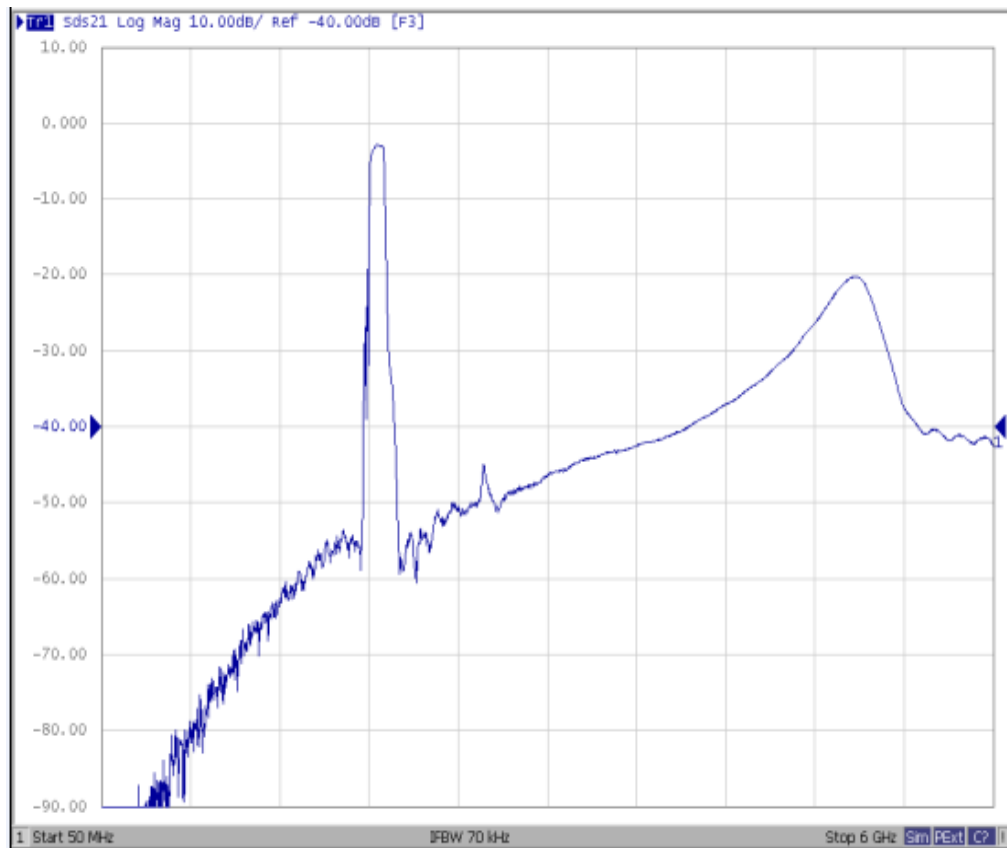


E. PCB Footprint:



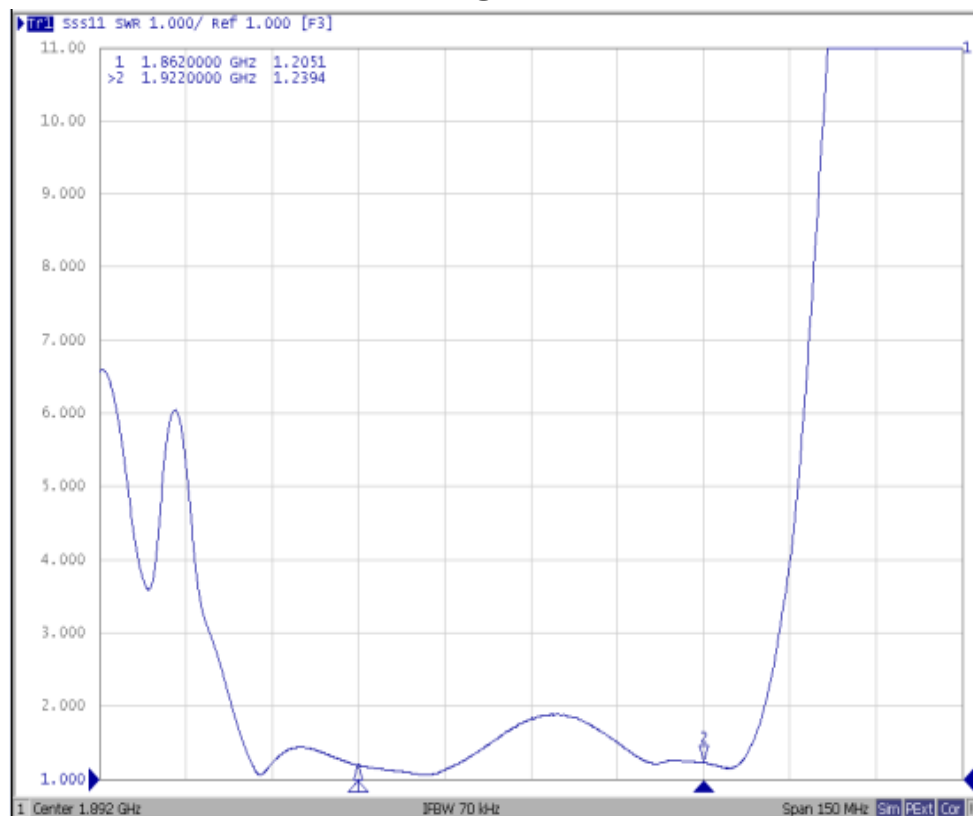
F. Frequency Characteristics :



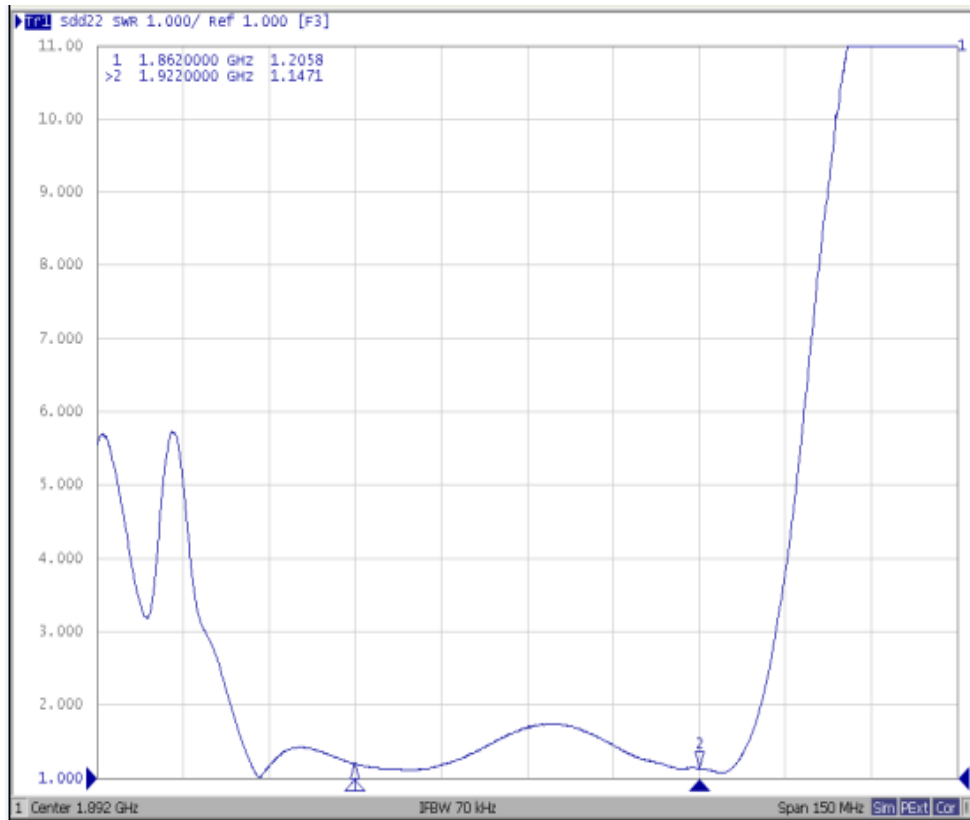


Reflection Functions :

S11



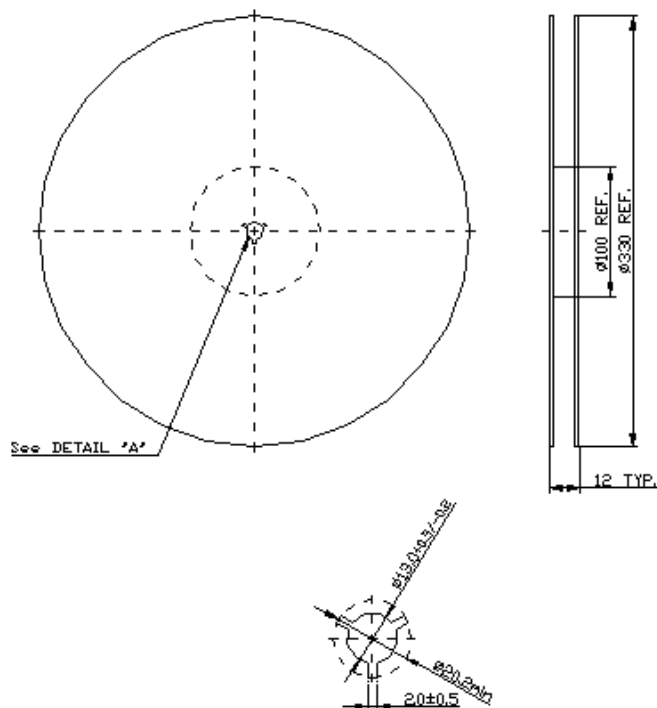
S22



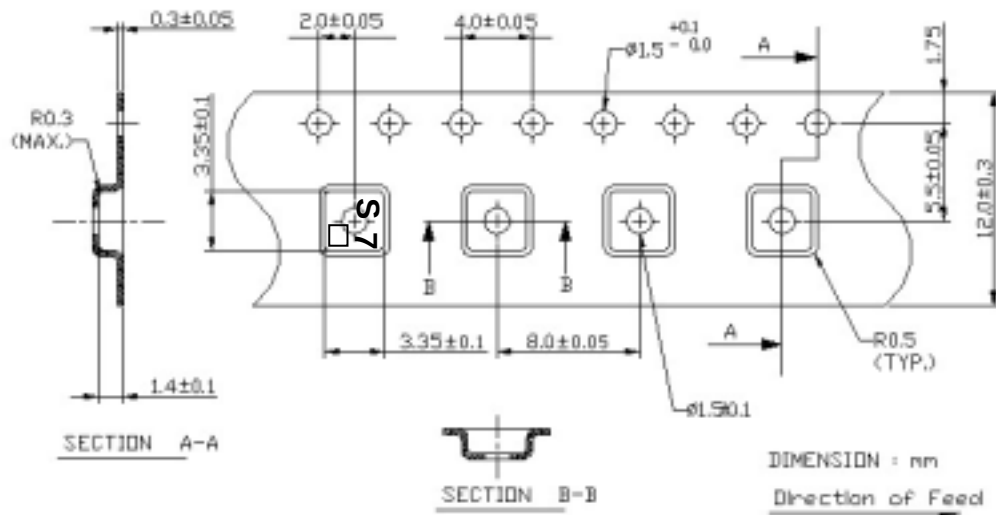
G. PACKING:

1. REEL DIMENSION

(Please refer to FR-75D10 for packing quantity)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

