



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 1290 MHz SMD 3X3 mm

TST Part No.: TA0298A

Customer Part No.: _____

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

Checked by: _____ Bob Chau *[Signature]*

Approved by: _____ Francis Chen *[Signature]*

Date: _____ 5, 15, 2009

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 1290 MHz

MODEL NO.: TA0298A

REV. NO.:1

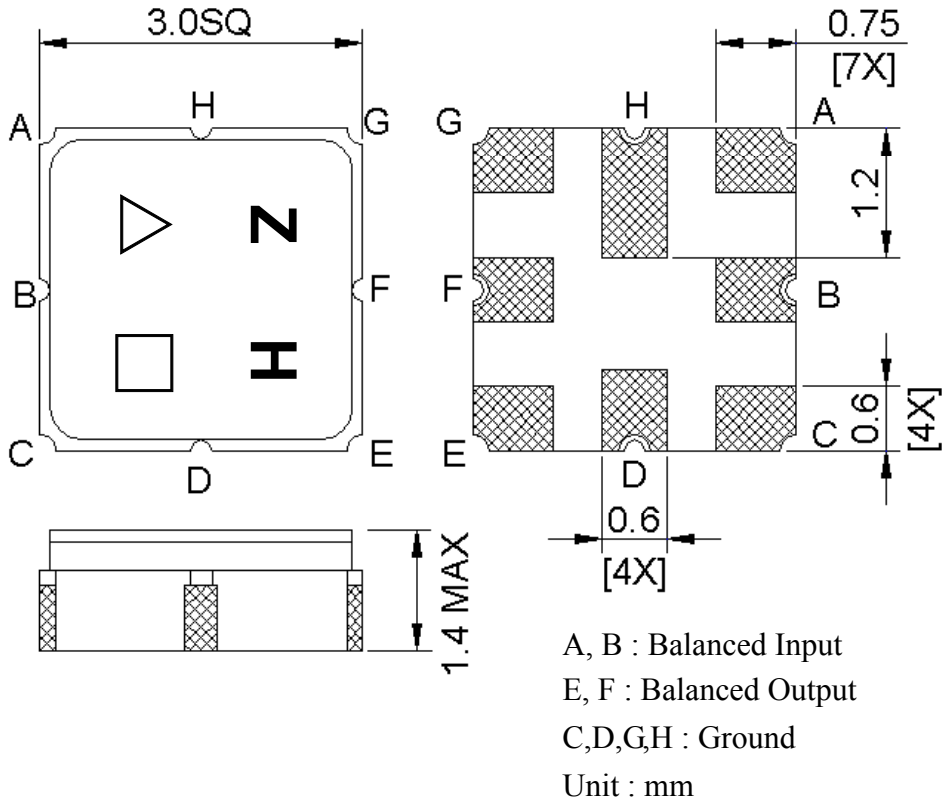
A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -10°C to +85°C
4. Storage Temperature: -40°C to +95°C

B. ELECTRICAL CHARACTERISTICS:

Item		Min.	Typ.	Max.
Center frequency	F_c (MHz)	-	1290	-
Minimum Insertion loss	IL (dB)	-	3.5	4.5
Lower 1.5 dB band edge	(MHz)	-	1276	1281
Upper 1.5 dB band edge	(MHz)	1299	1302	-
Passband Variation (1281~1299 MHz)	(dB)	-	0.9	1.5
Attenuation (Reference level from 0 dB)				
D.C. ~ 1190	MHz (dB)	35	40	-
1190 ~ 1250	MHz (dB)	37	45	-
1250 ~ 1265	MHz (dB)	25	38	-
1315 ~ 1330	MHz (dB)	25	38	-
1330 ~ 1900	MHz (dB)	37	51	-
1900 ~ 4000	MHz (dB)	35	37	-
Group Delay Variation (1281~1299 MHz)	(nS)	-	11	75
Source impedance	Z _s (Ω)	-	100 diff.	-
Load impedance	Z _L (Ω)	-	100 diff.	-

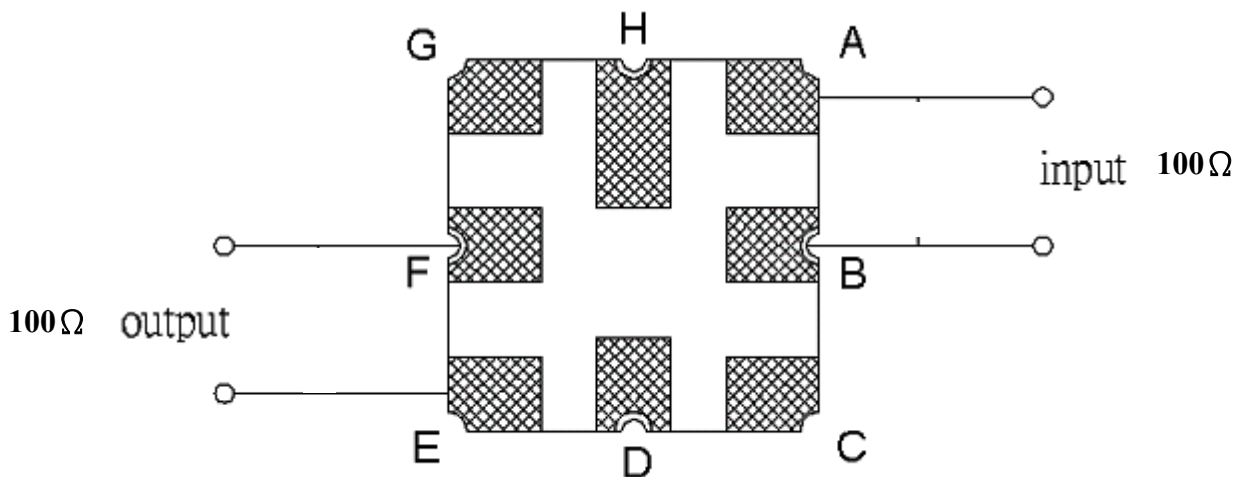
C. OUTLINE DRAWING:



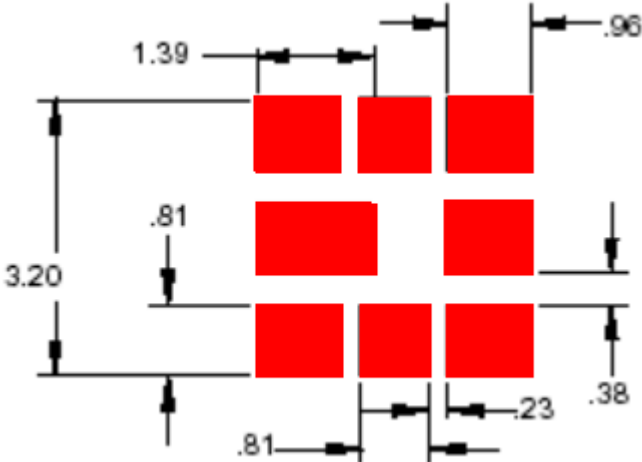
△ : Year Code (2006->6, ..., 2009->9)

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

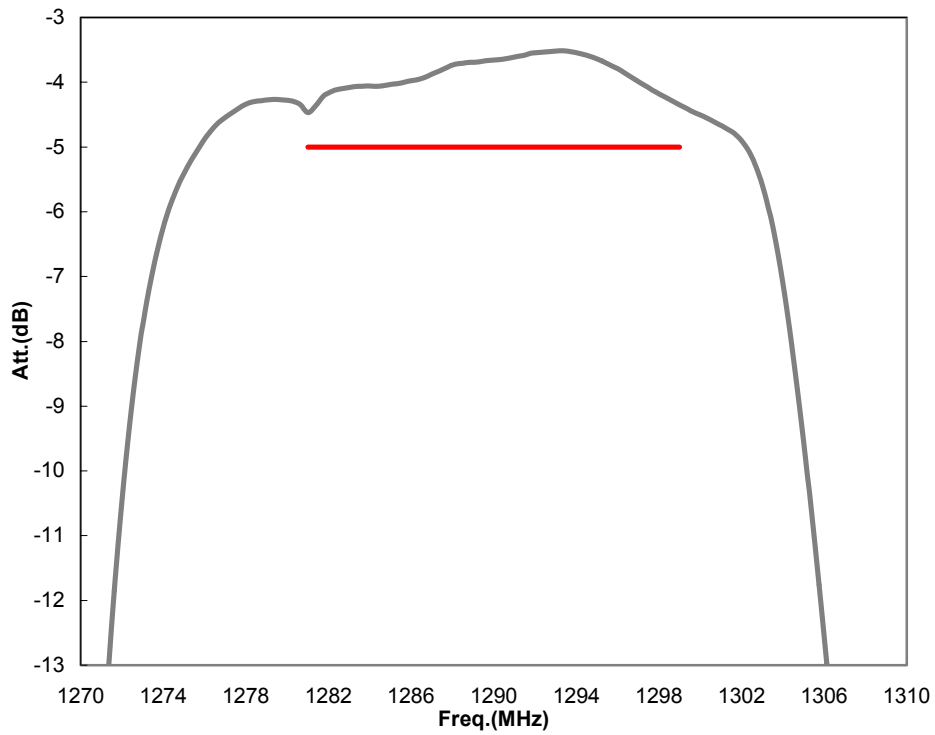
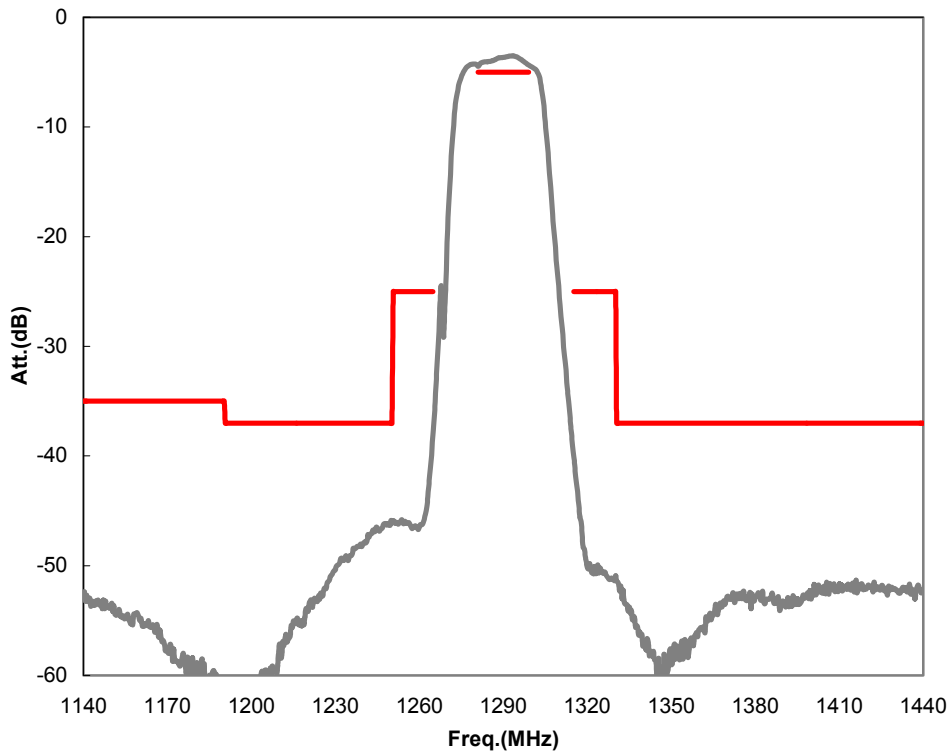
D. MEASUREMENT CIRCUIT:

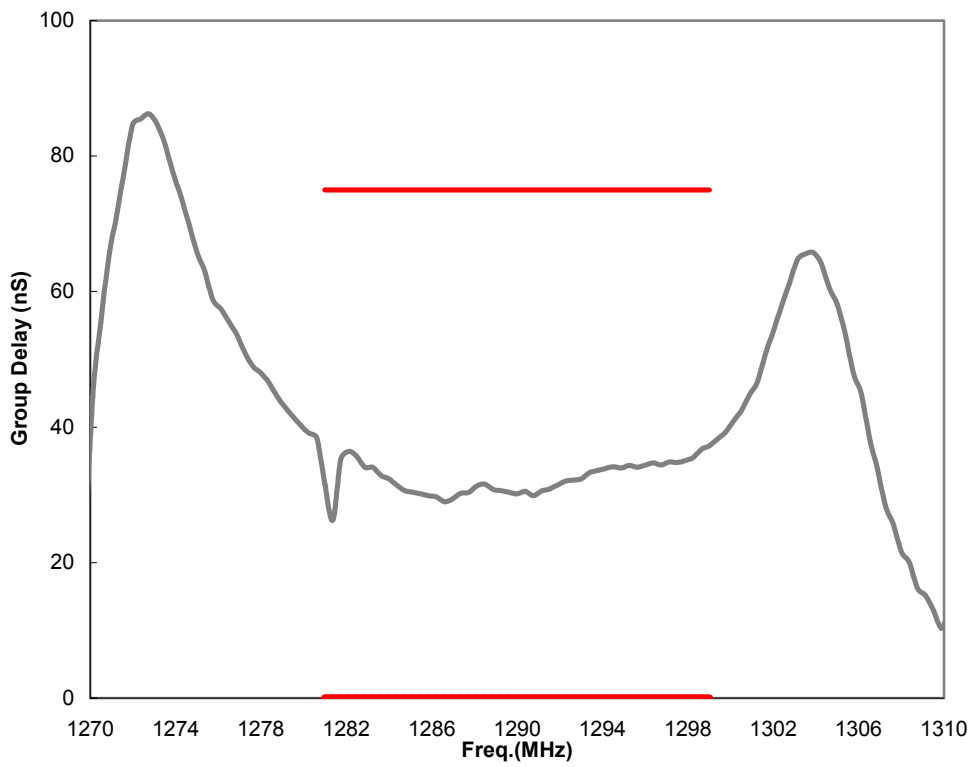
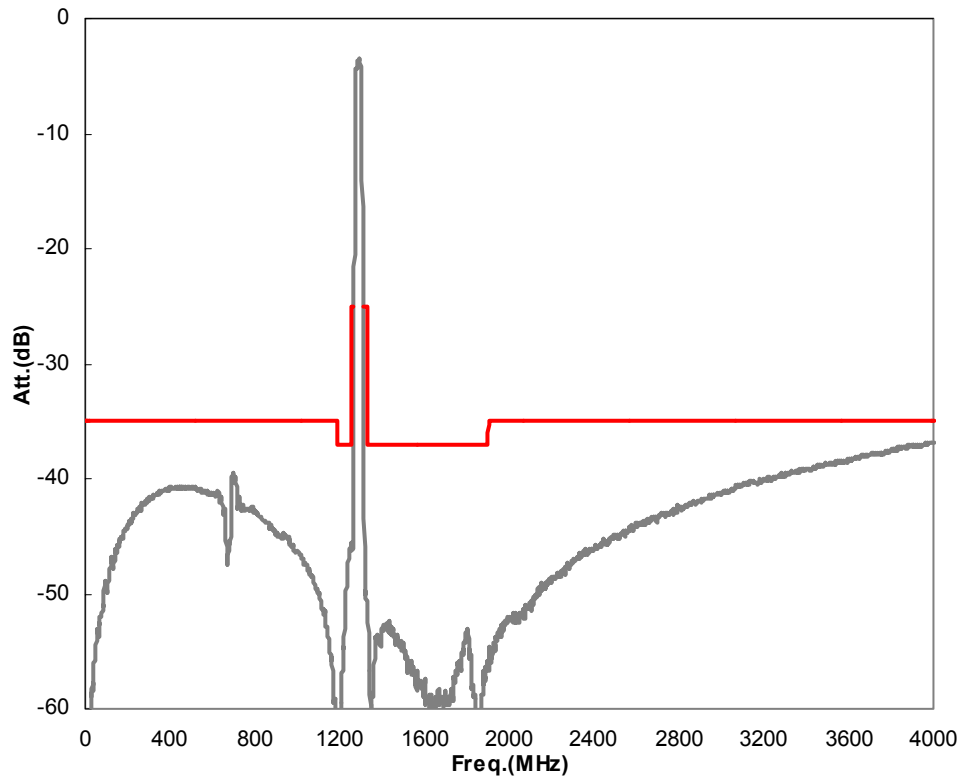


E. PCB Footprint:



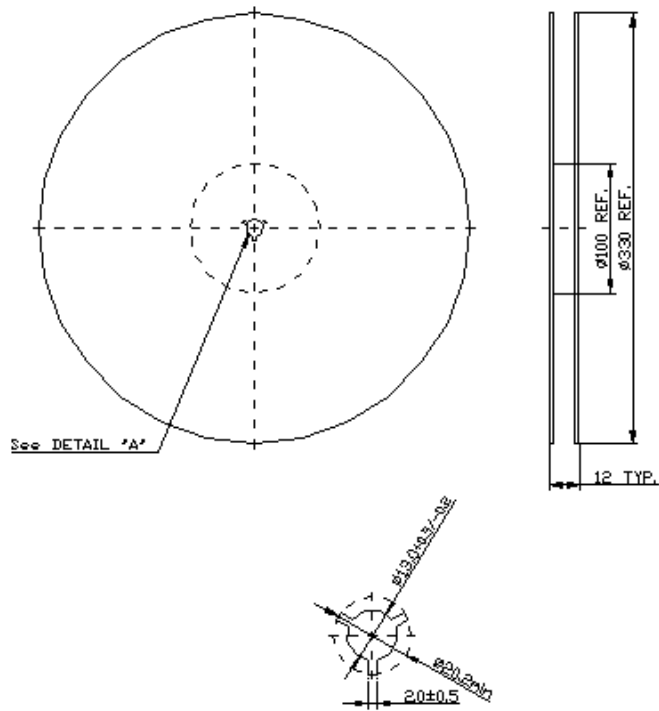
F. Frequency Characteristics :
Transfer function



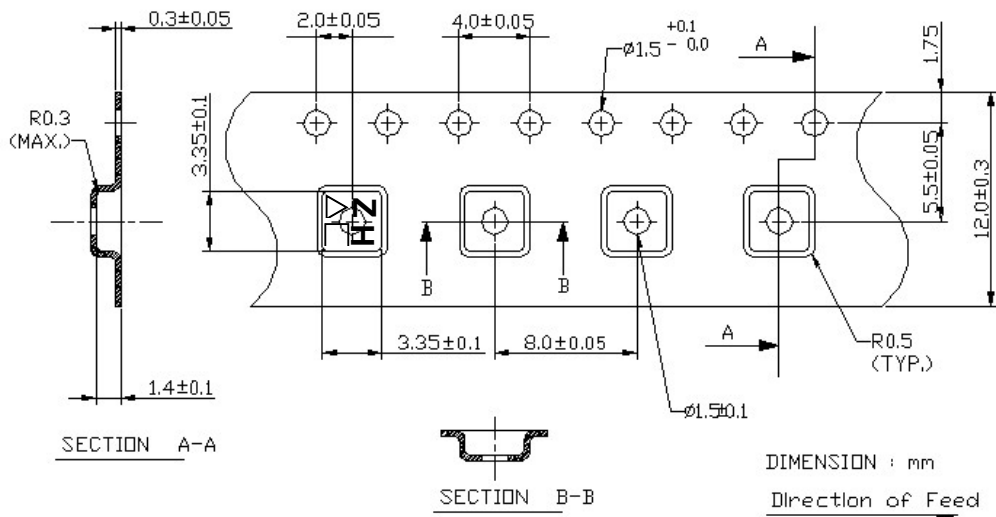


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

