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 915 MHz SMD 3.0X3.0 mm (BW=26MHz)

TST Part No.: TA1460A

Customer Part No.:_____

Application:_____RF Transceiver_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Kevin_____

Approval by:_____Francis Chen_____

Date:_____2/1/2012_____

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 915MHz

MODEL NO.:TA1460A REV. NO.:1

A. MAXIMUM RATING:

1. Maximum RF Power: 10 dBm
2. DC Voltage : 0V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

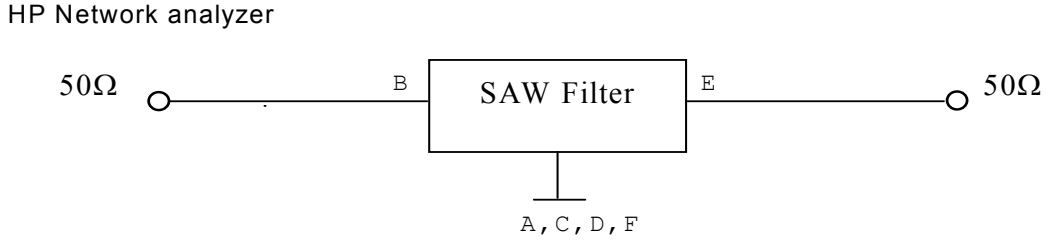
Electrostatic **S**ensitive **D**evice (**ESD**)

B. ELECTRICAL CHARACTERISTICS:

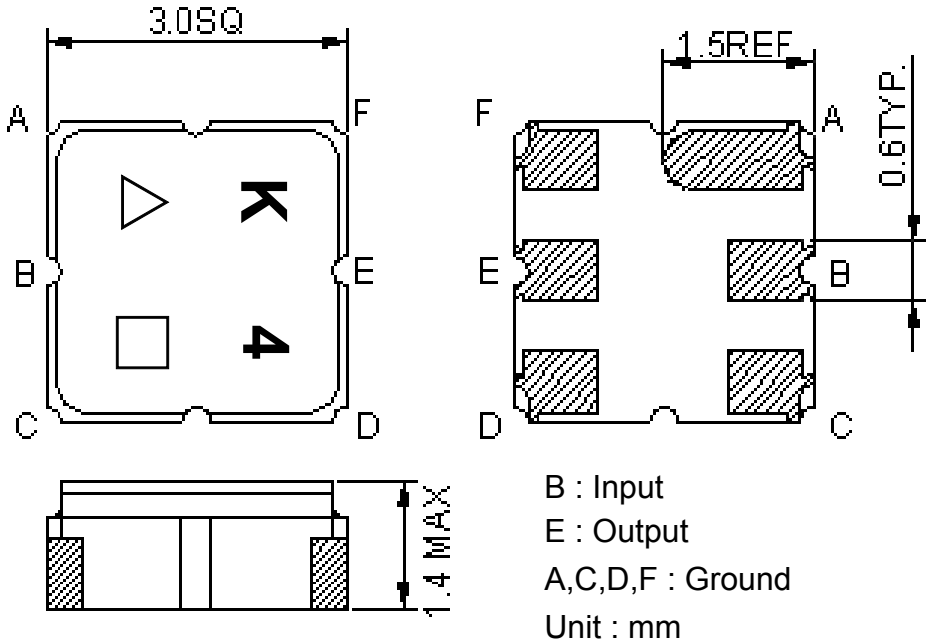
Item	Unit	Min.	Typ.	Max.
Center frequency, Fc	MHz	-	915	-
Amplitude ripple (902 ~ 928 MHz)		-	1.4	2.0
Insertion loss, IL (902 ~ 928 MHz)	dB	-	2.9	3.5
Attenuation (reference from 0dB)				
0.3 ~ 800 MHz	dB	25	33	-
800 ~ 880 MHz	dB	20	37	-
960 ~ 1280 MHz	dB	35	38	-
1280 ~ 2000 MHz	dB	20	35	-
Temperature coefficient of frequency, TCf (ppm/K)		-	-30	-
Source impedance, Z_S	Ω	-	50	-
Load impedance, Z_L	Ω	-	50	-

Note1: The standard definintions is in JIS C 6703

C. MEASUREMENT CIRCUIT:



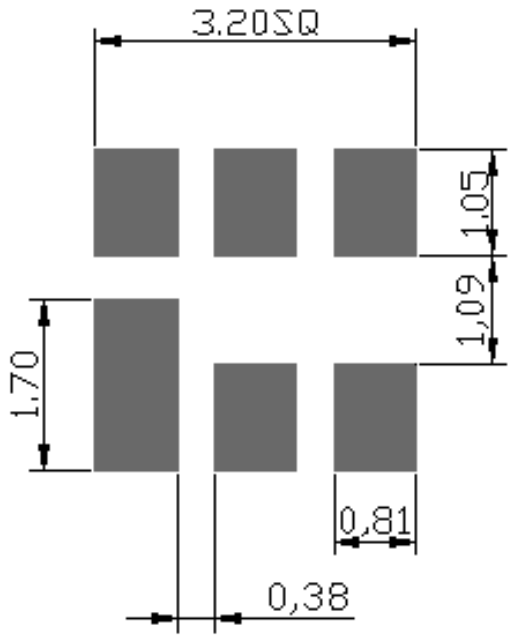
D.OUTLINE DRAWING:



B : Input
E : Output
A,C,D,F : Ground
Unit : mm

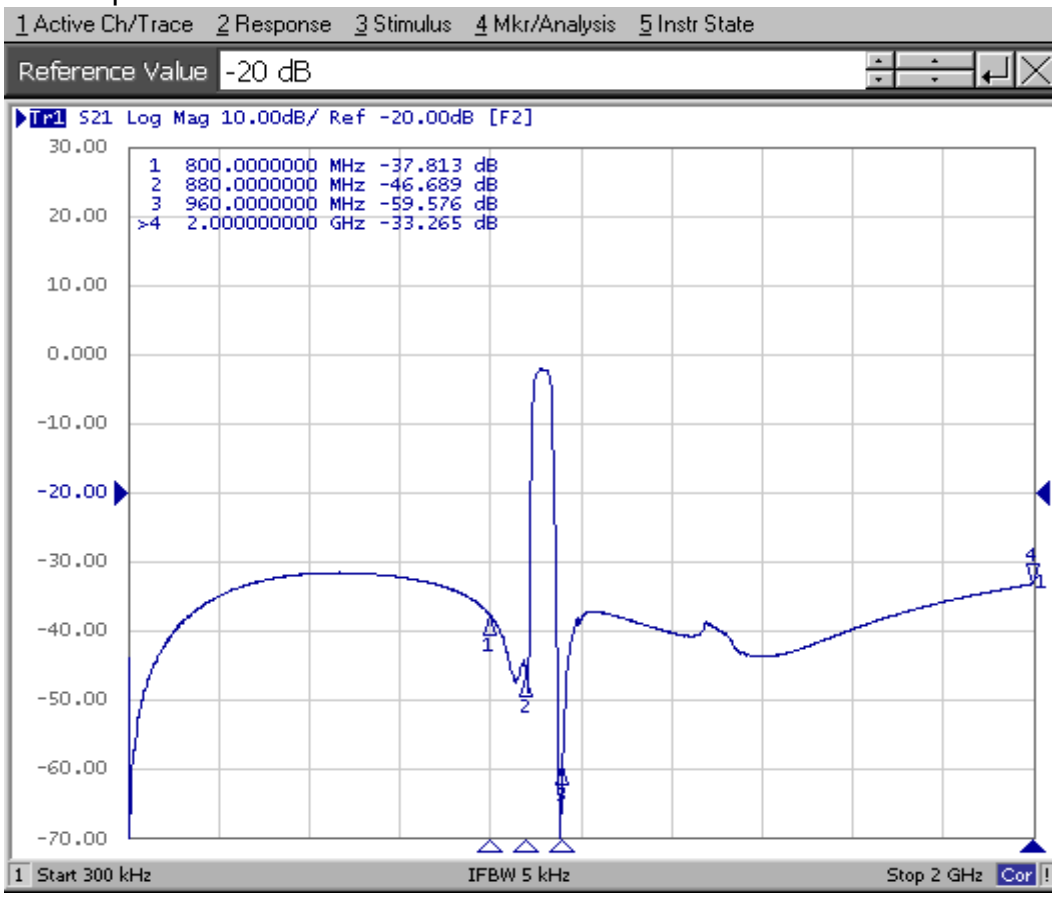
△ : Year Code (2011->1, 2012->2 …, 2019->9)
□ : Date Code (W01->A,W02->B,…W27->a,…,W52->z)

E. PCB Footprint:

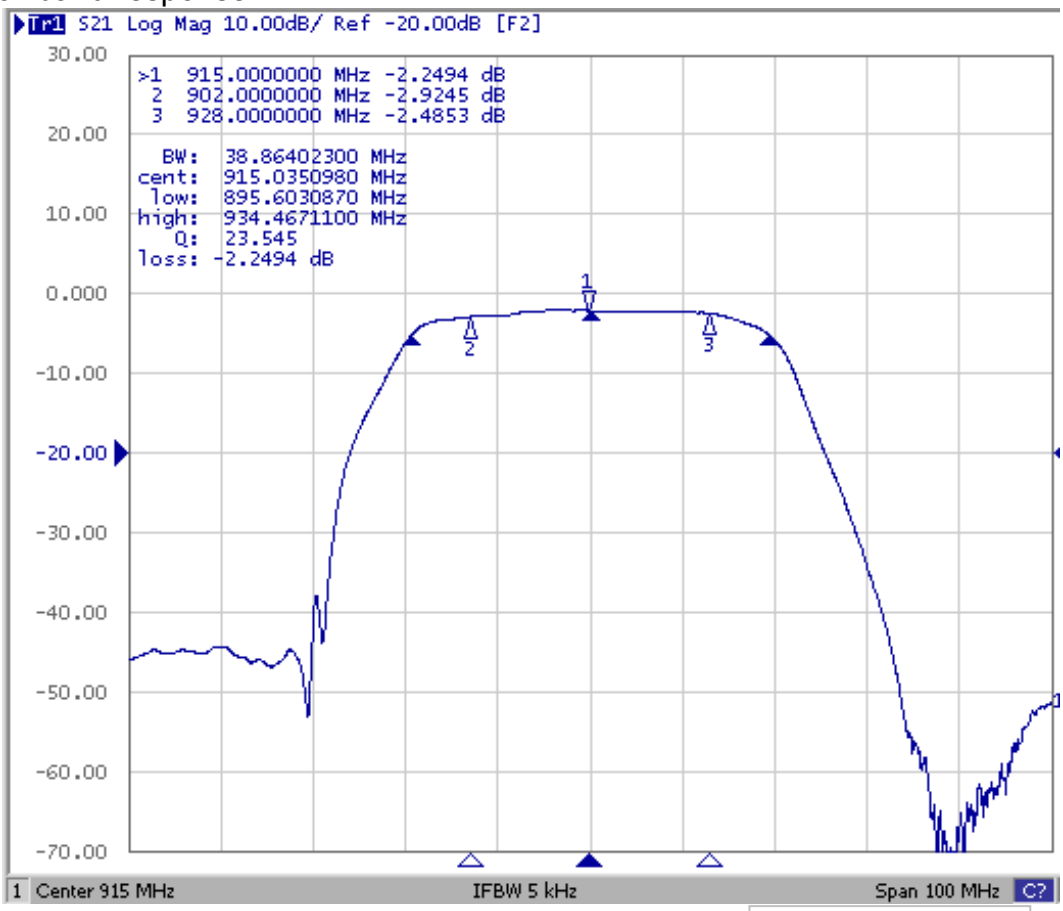


F. Frequency Characteristics :

(1) Wideband response:



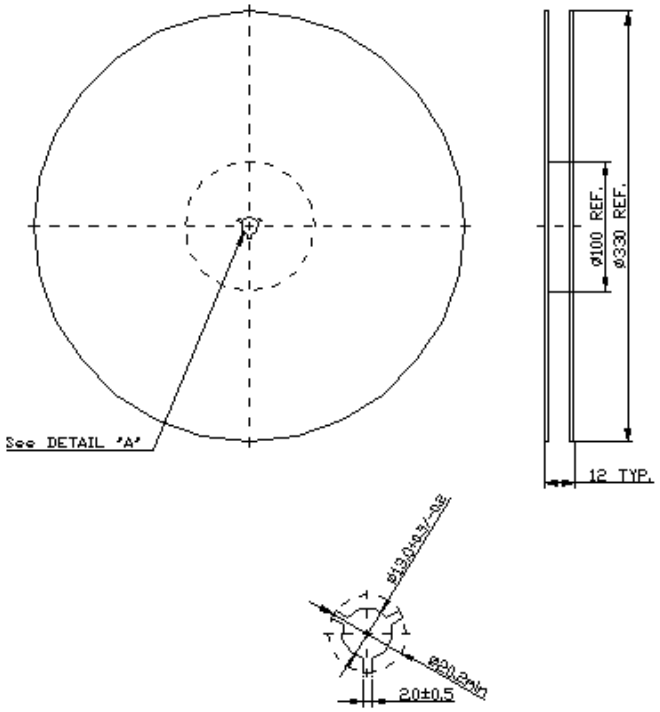
(2) Narrowband response:



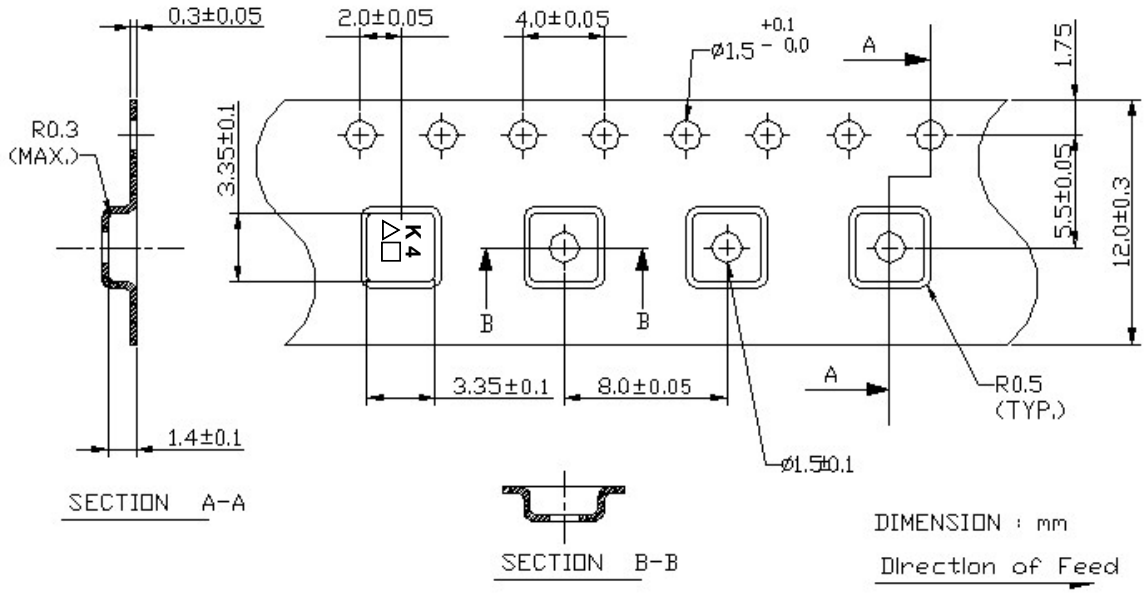
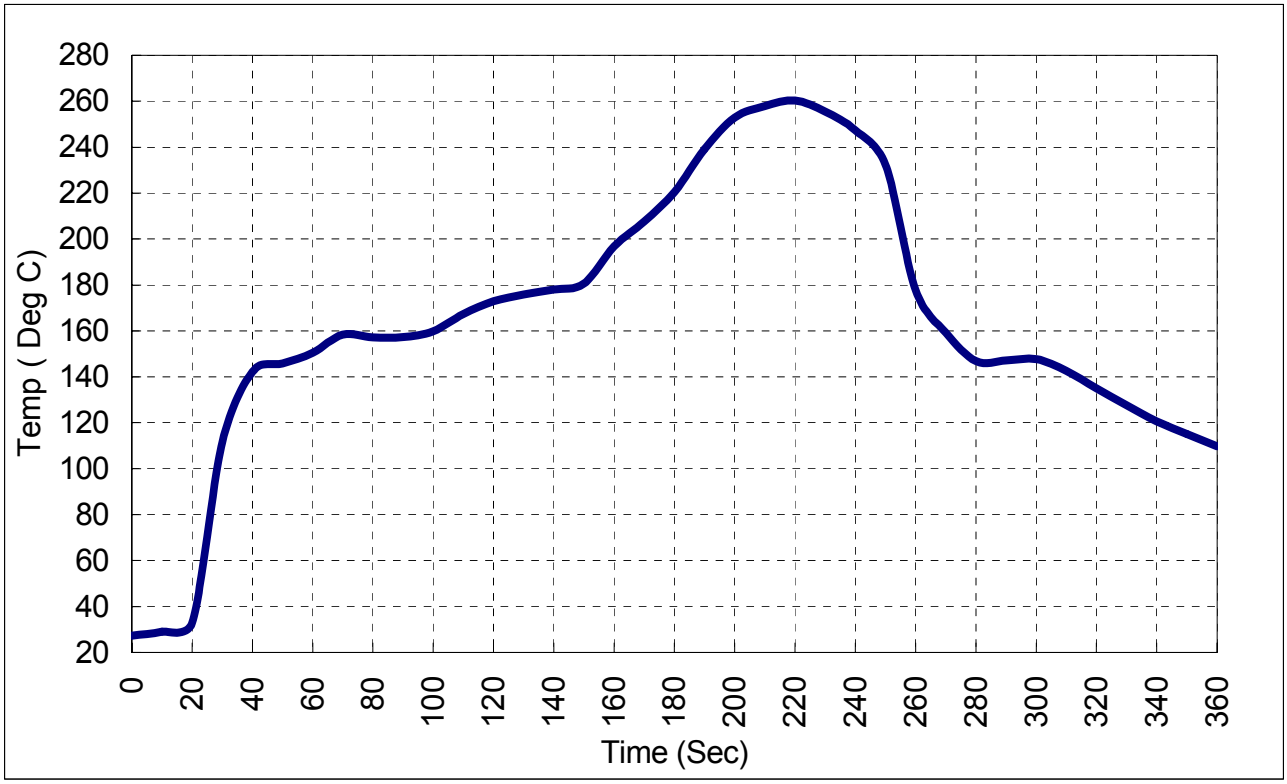
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7”=1000 ; 13”=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :