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 886 MHz SMD 5.0X5.0 mm (BW=10MHz)

TST Part No.: TA1365A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Kevin Kevin _____

Approved by:_____ Francis Chen _____

Date:_____ 2011/12/26 _____

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 886 MHz

MODEL NO.: TA1365A REV. NO.:1

A. MAXIMUM RATING:

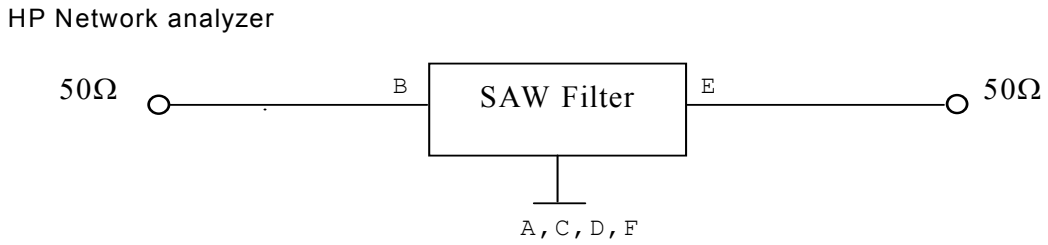
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

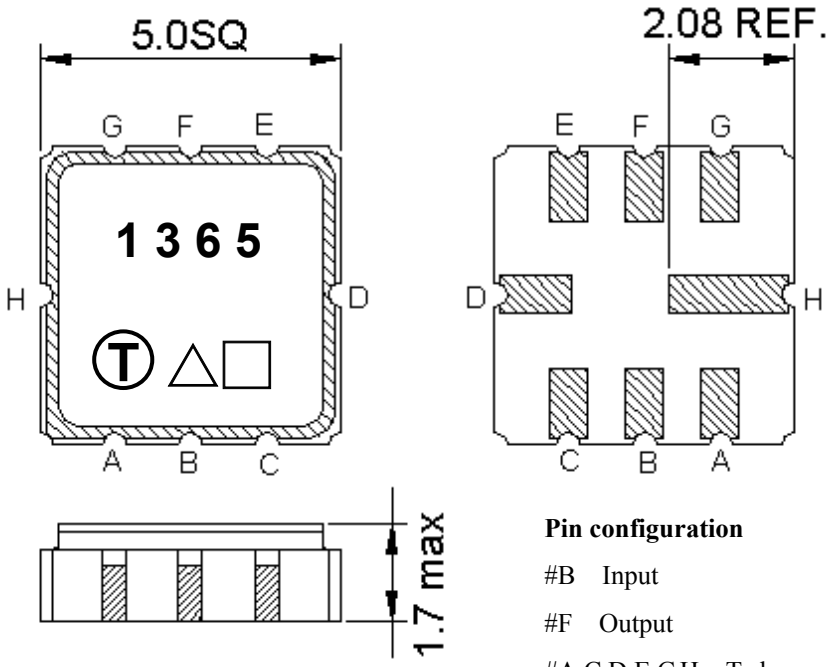
B. ELECTRICAL CHARACTERISTICS:

Item		Unit	Min.	Typ.	Max.
Center frequency	Fc	MHz	-	886	-
Insertion loss (881 ~ 891 MHz)	IL	dB	-	2.5	4.5
Amplitude ripple(p-p) (881 ~ 891 MHz)		dB	-	1.5	3.5
Return Loss (881 ~ 891 MHz)		dB	8	11.5	-
Attenuation (Reference level from 0 dB)					
790 ~ 870 MHz		dB	32	36	-
870 ~ 875 MHz		dB	12	15	-
920 ~ 990 MHz		dB	35	40	-
Source impedance	Zs	Ω	-	50	-
Load impedance	Z_L	Ω	-	50	-

C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:



Pin configuration

#B Input

#F Output

#A,C,D,E,G,H To be grounded

△ Year code

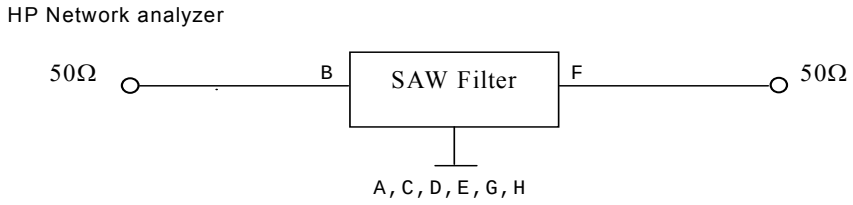
□ Date code (W01->A,…W52->z)

Unit mm

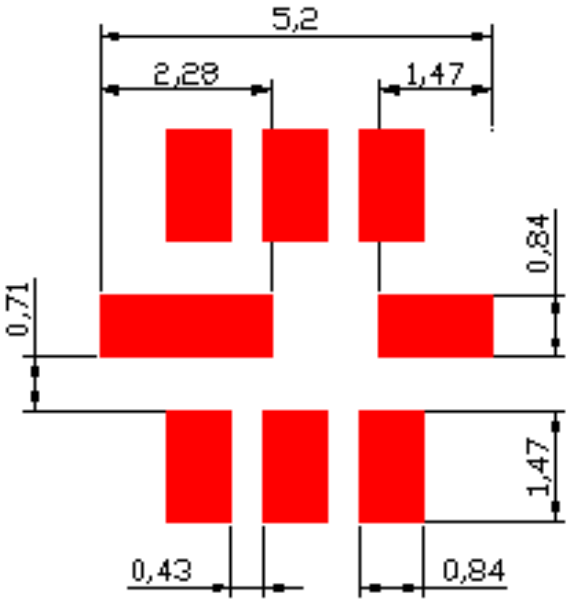
△ : Product / Year Code

Year	2009 2013	2010 2014	2011 2015	2012 2016
Product Code	A	a	A	a

E. MEASUREMENT CIRCUIT:

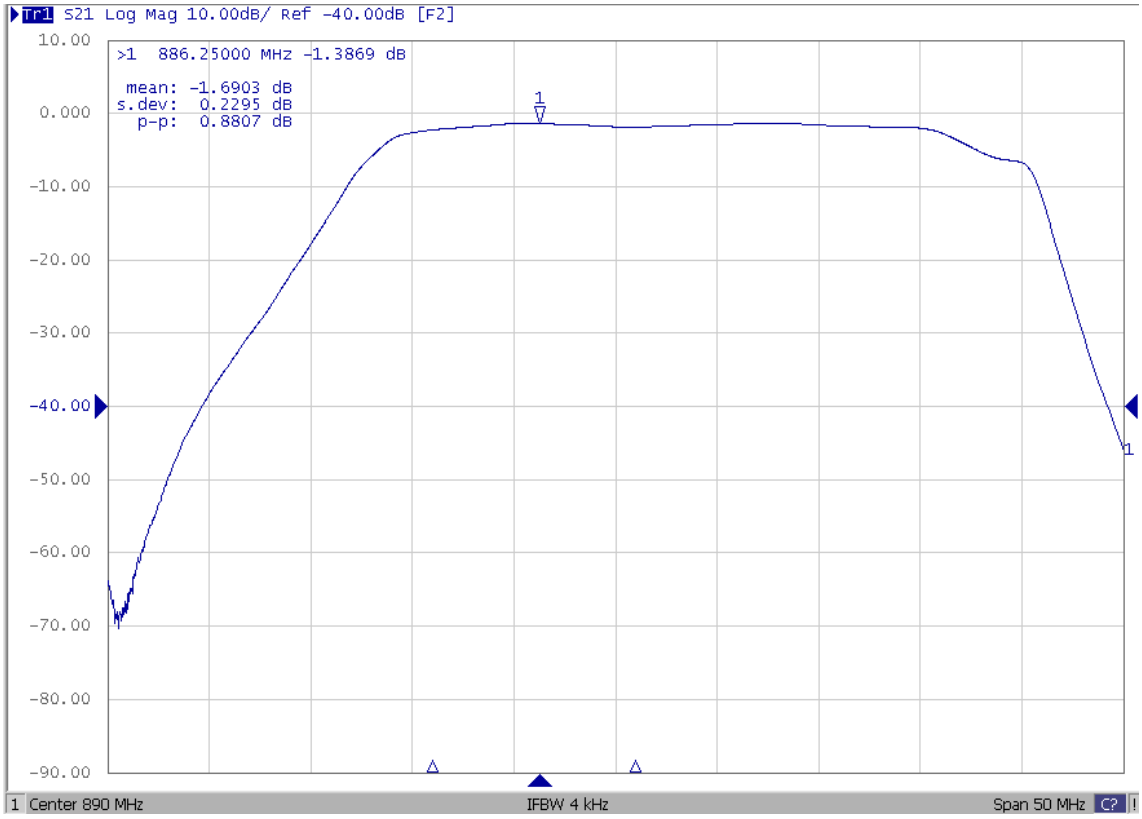


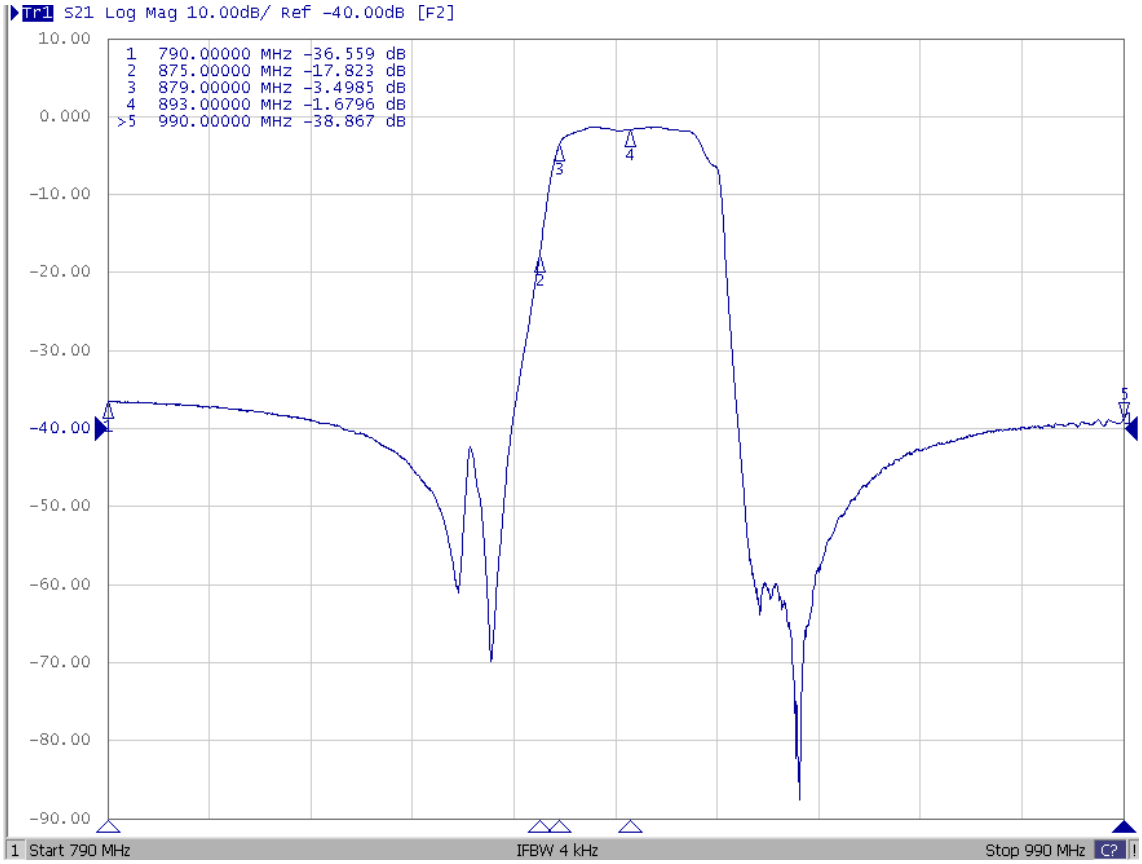
F. PCB Footprint:



G. Frequency Characteristics :

*Transfer function

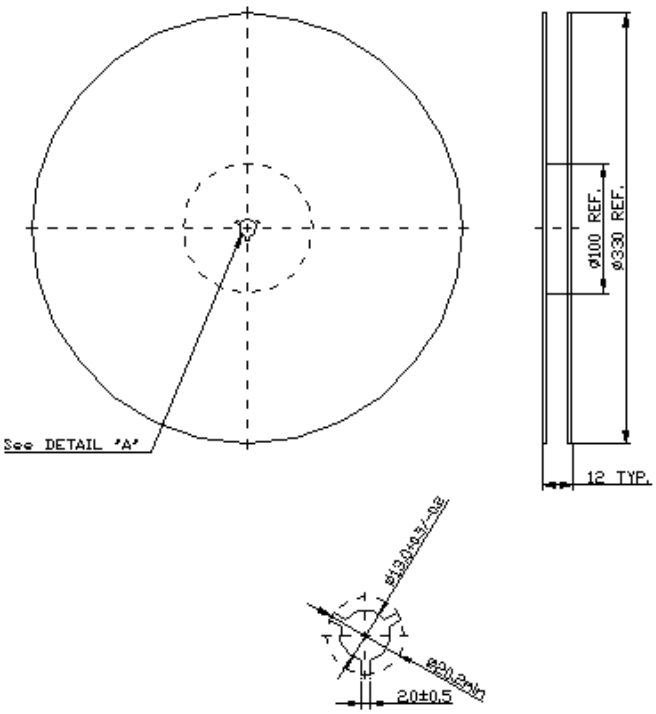




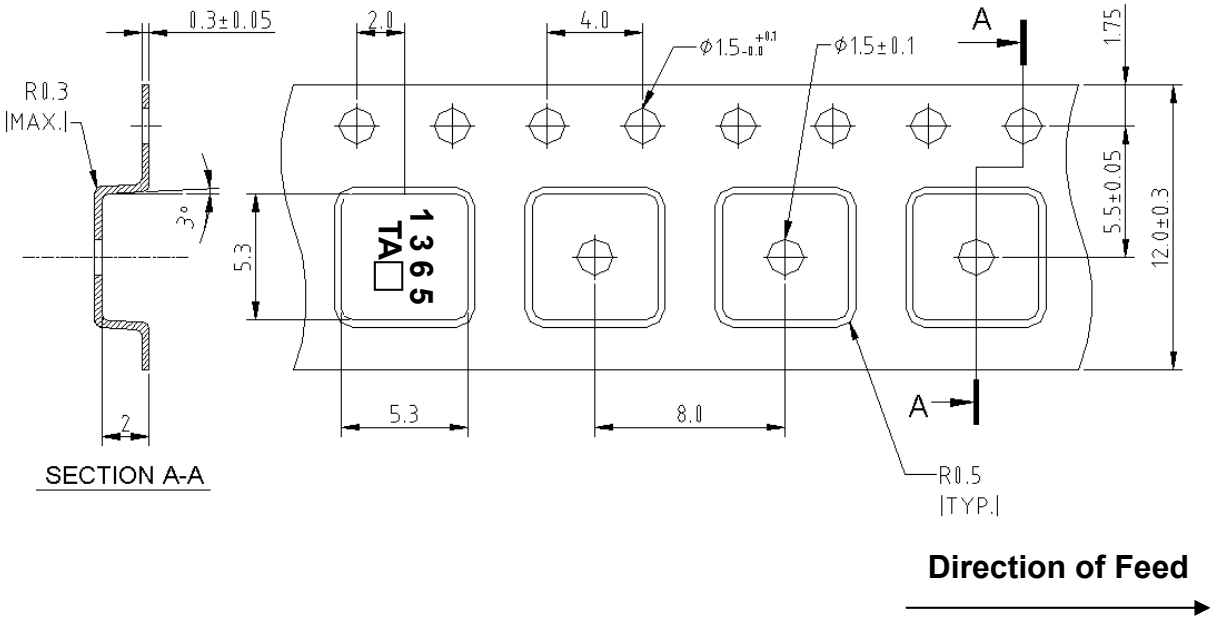
*Reflection Functions :

H. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



I.RECOMMENDED REFLOW PROFILE: