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

Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 869 MHz SMD 3.0x3.0 mm

TST Parts No.: TA0977A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: David Chang 張閔智

Approval by: Francis Chen

Date: 2009/03/11

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SAW Filter 869 MHz

MODEL NO.: TA0977A REV. NO.:1

A. MAXIMUM RATING:

1.Input Power Level: 10 dB_m
2.DC voltage: 5 V
3.Operating Temperature: -30°C to +65°C
4.Storage Temperature: -40°C to +85°C

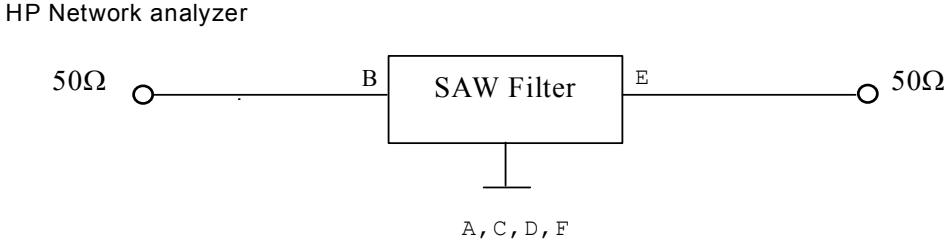
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

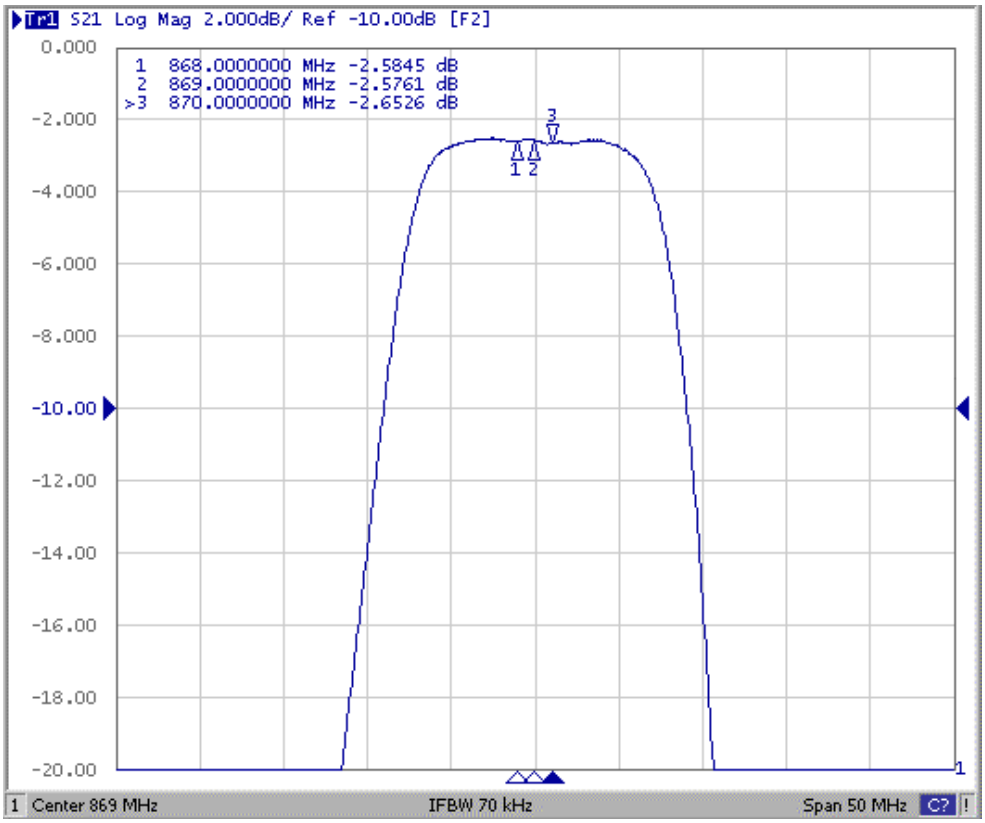
Item			Unit	Min.	Type.	Max.
Center frequency		Fc	MHz	-	869	-
Insertion Loss	868~870 MHz	IL	dB	-	2.7	3.5
Amplitude ripple	868~870 MHz		dB	-	0.2	1.5
Attenuation:(Reference level from 0 dB)						
DC ~ 828 MHz			dB	45	51	-
828 ~ 849 MHz			dB	30	40	-
881 ~ 890 MHz			dB	10	18	-
890 ~ 925 MHz			dB	22	38	-
925 ~ 1200 MHz			dB	40	49	-
1200 ~ 1740 MHz			dB	36	49	-
Source impedance		Zs	Ω	-	50	-
Load impedance		Z_L	Ω	-	50	-

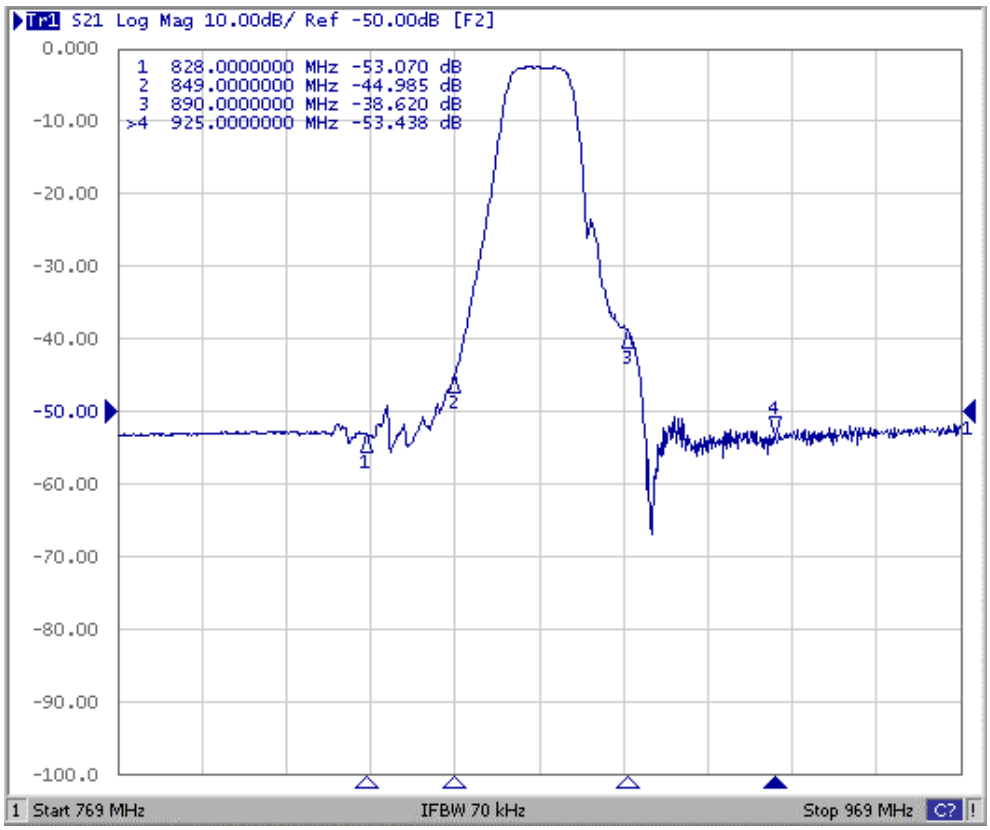
Note1: No matching network required for operation at 50 Ω.

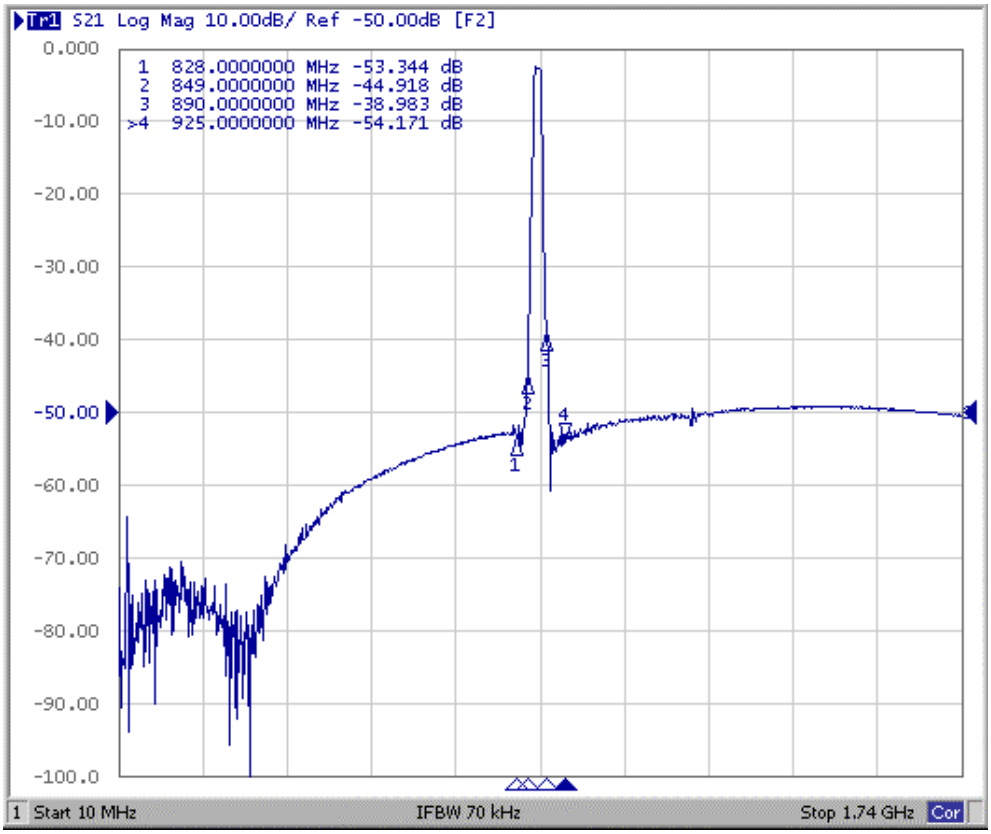
C. MEASUREMENT CIRCUIT:



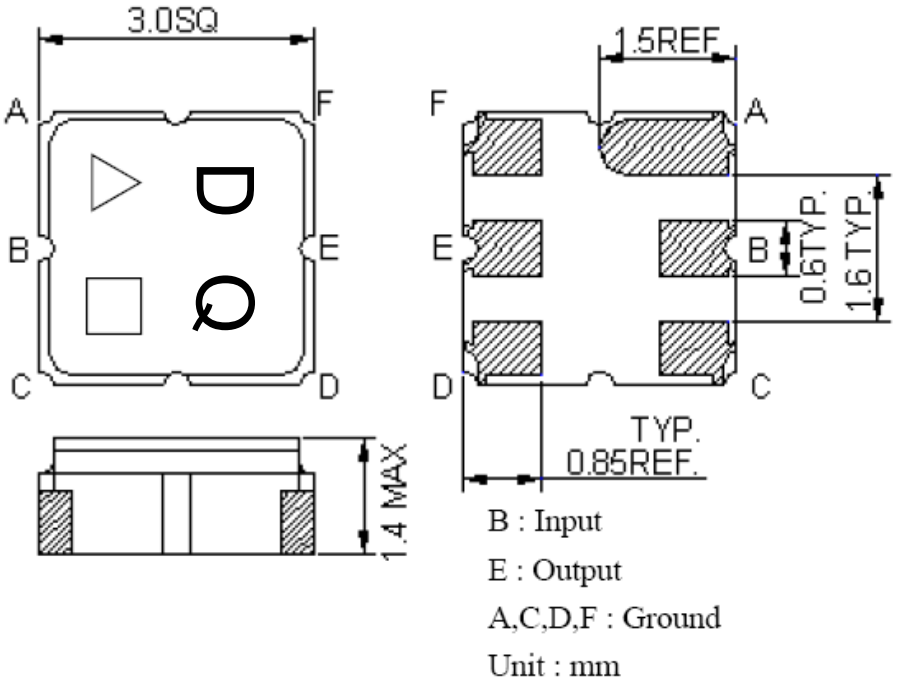
D. Frequency Characteristics :







E.OUTLINE DRAWING:



B : Input

E : Output

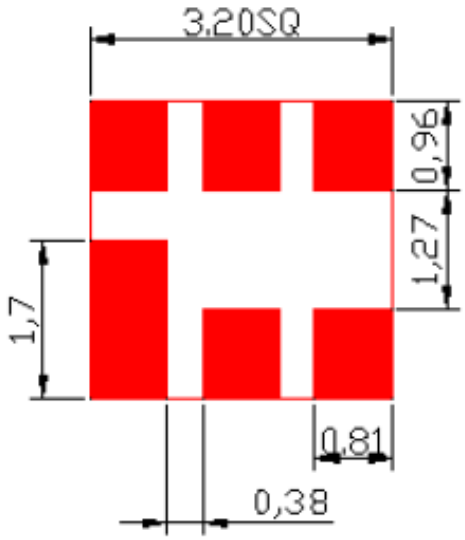
A,C,D,F : Ground

Unit : mm

△ : Year Code (2006->6, …, 2009->9)

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

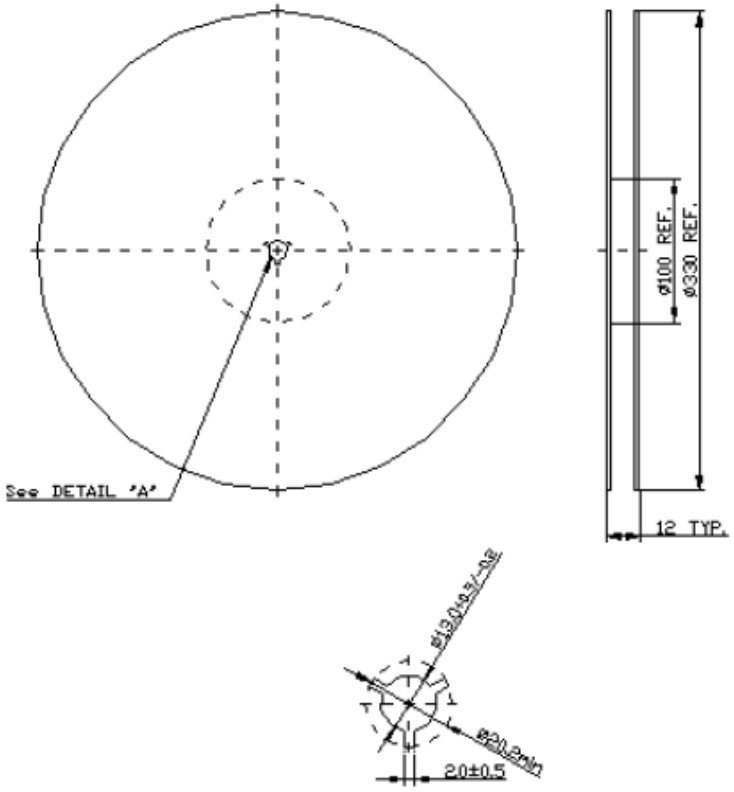
F. PCB FOOTPRINT:



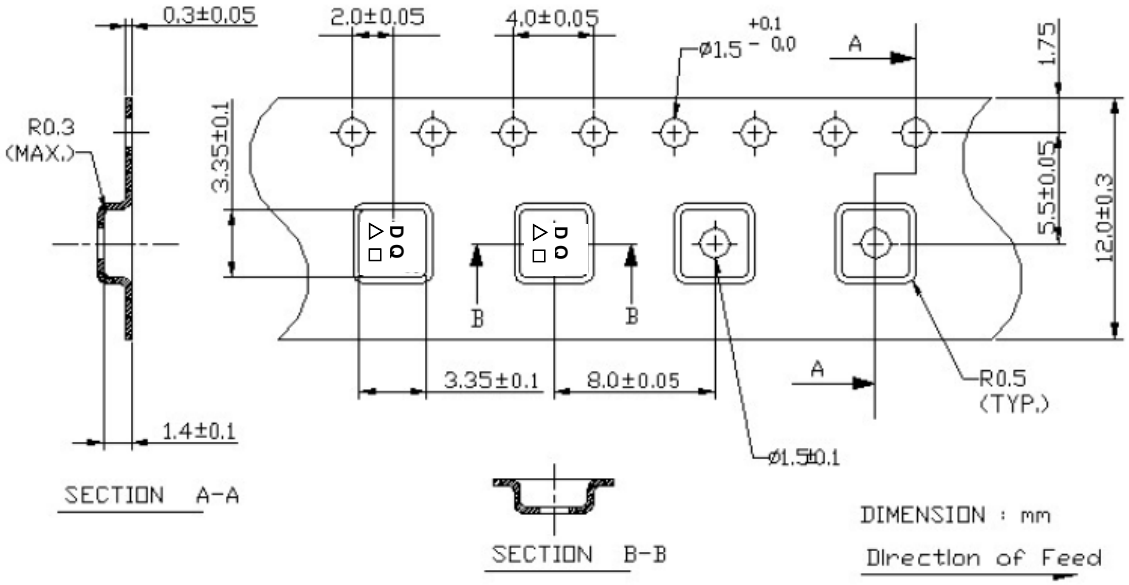
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7”=1000 ; 13”=3000 or per the request of customer order)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

