



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 827.5MHz SMD 3.0×3.0 mm

TST Parts No.:TA0981A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ David Chang 張開智

Approval by:_____ Francis Chen 陳國良

Date:_____ 2009/02/02



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SAW Filter 827.5 MHz

MODEL NO.: TA981A

REV. NO.:1

A. MAXIMUM RATING:

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

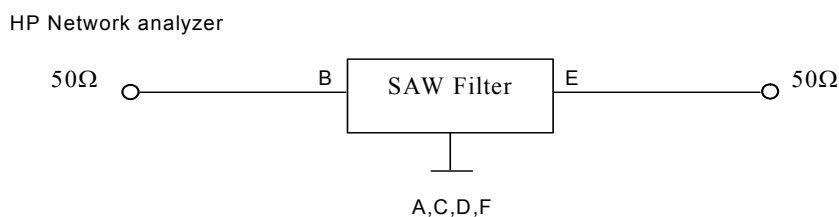
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

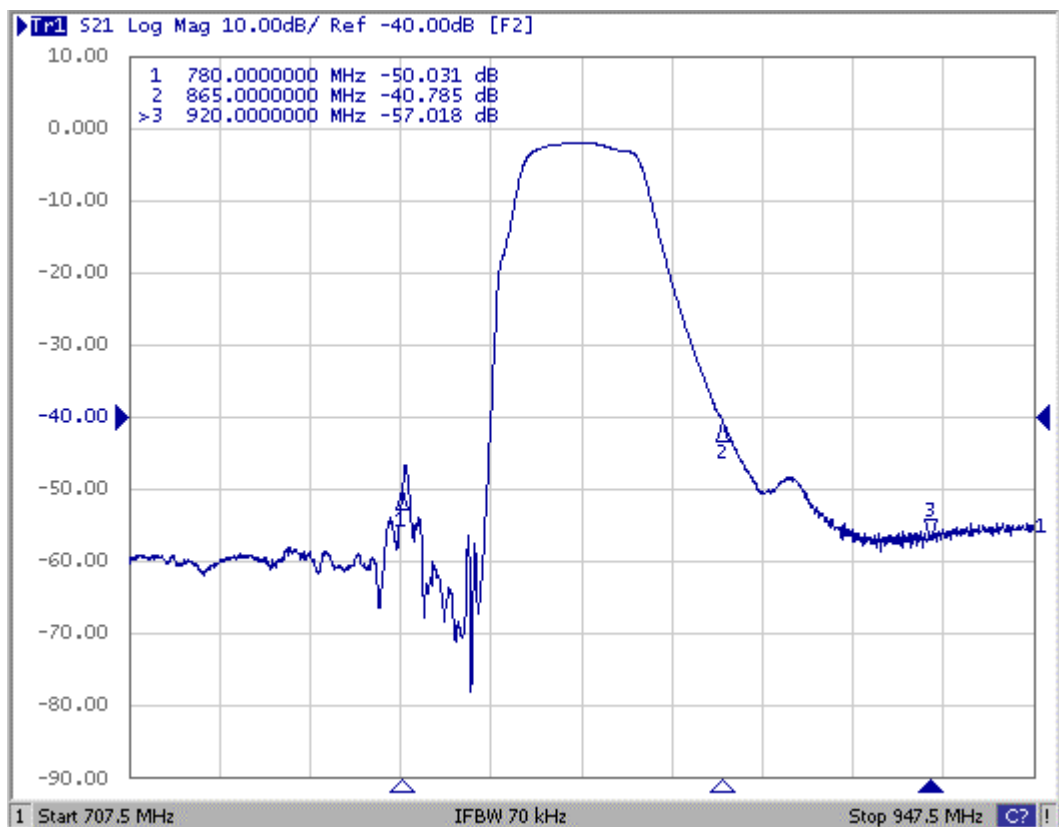
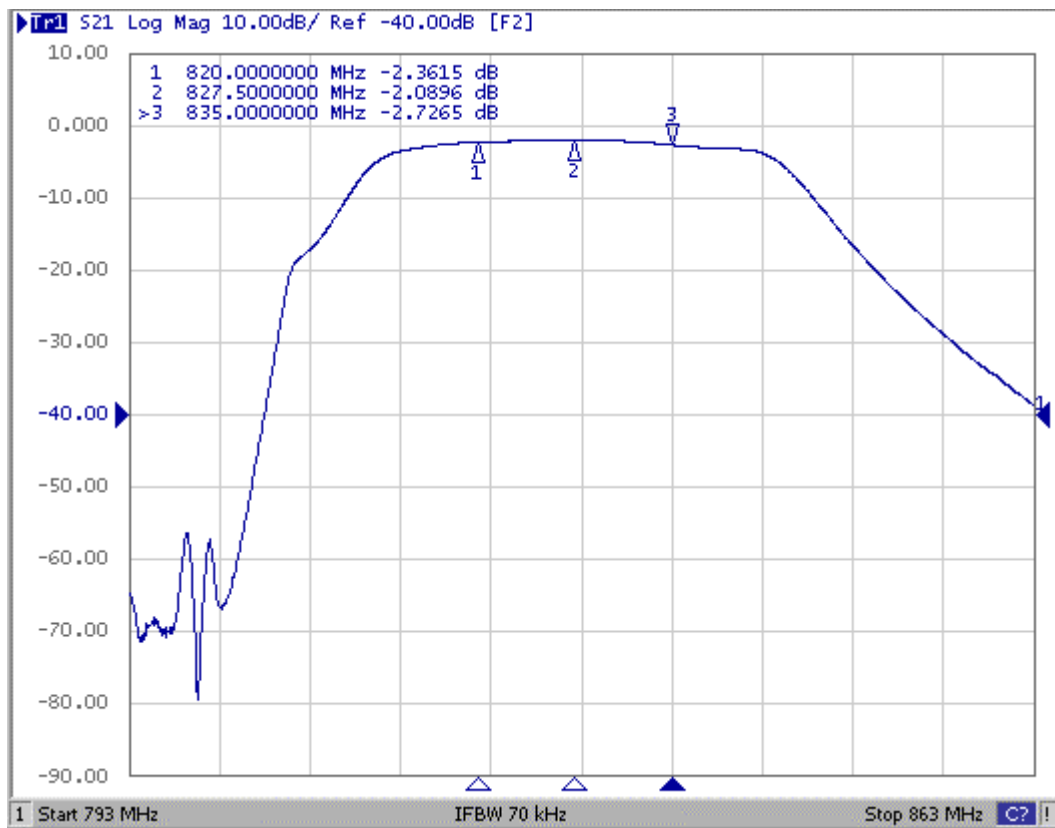
Item			Unit	Min.	Typ.	Max.
Center frequency		F _c	MHz	-	827.5	-
Insertion loss	820 ~ 835 MHz	IL	dB	-	2.7	3.5
Amplitude ripple	820 ~ 835 MHz		dB	-	0.7	1.5
VSWR	820 ~ 835 MHz		-	-	1.5	2.0
Attenuation (reference from 0dB)						
10 ~ 780	MHz		dB	40	45	-
865 ~ 880	MHz		dB	25	32	-
880 ~ 920	MHz		dB	35	40	-
920 ~ 1220	MHz		dB	40	45	-
Source impedance		Z _S	Ω	-	50	-
Load impedance		Z _L	Ω	-	50	-

Note1. No matching network required for operation at 50Ω

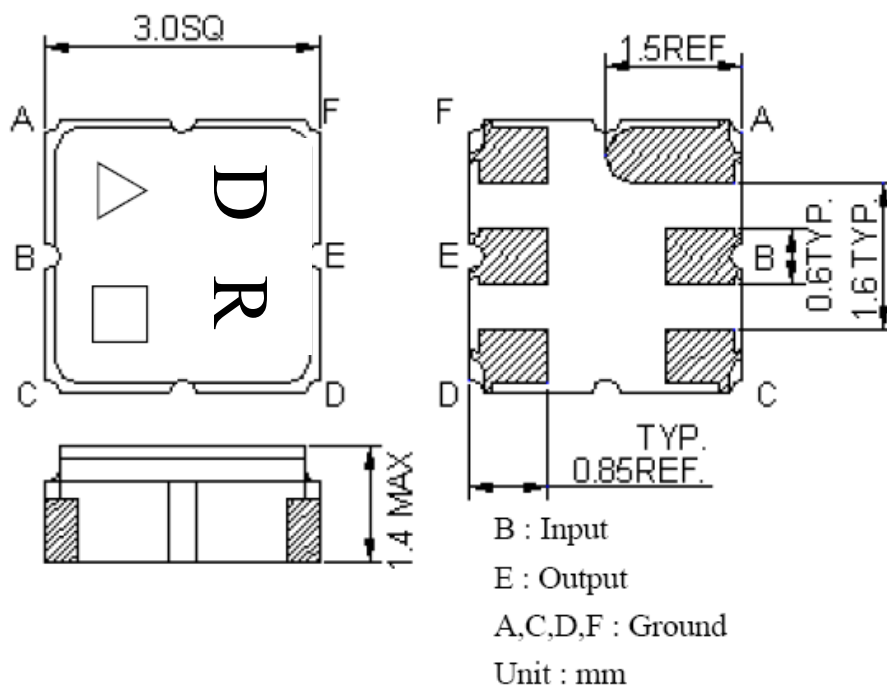
C. MEASUREMENT CIRCUIT:



D. Transfer Function :



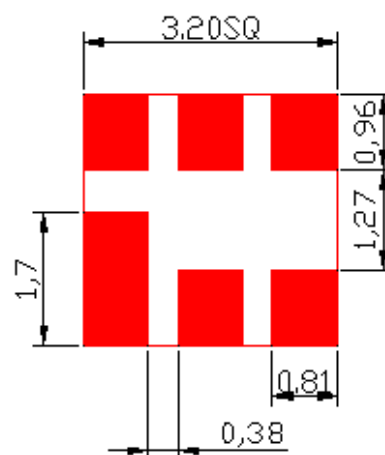
E.OUTLINE DRAWING:



△ : Year Code (2006->6, ..., 2009->9)

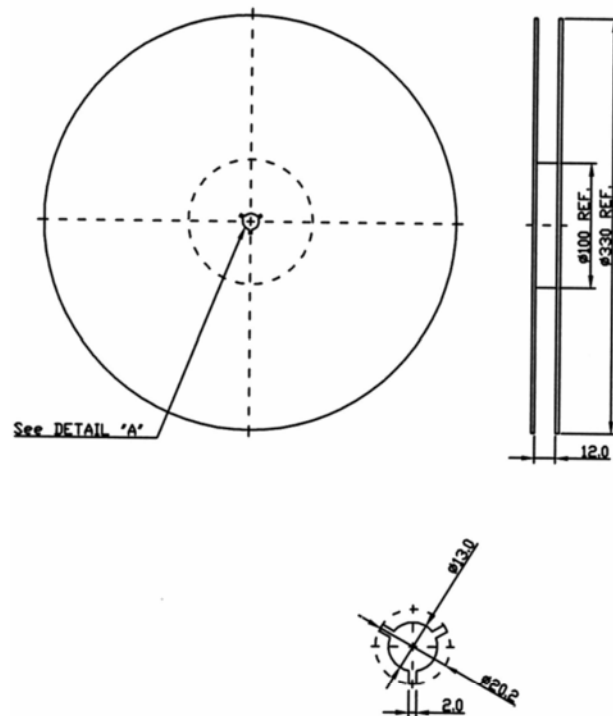
□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

F.PCB FOOTPRINT:

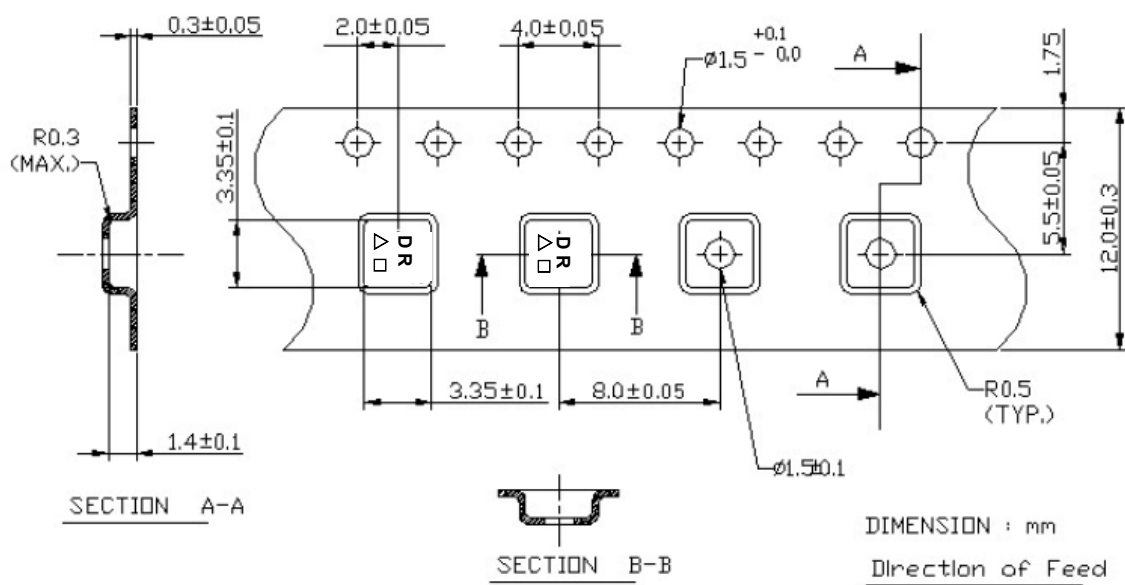


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

