



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 881.5MHz SMD 3.0×3.0mm

TST Parts No.:TA0626A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Asin Lin

Approval by:_____ Francis Chen

Date:_____ 2007/04/16



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SAW Filter 881.5 MHz

MODEL NO.: TA0626A

V2.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -25°C to 75°C
4. Storage Temperature: -40°C to +85°C

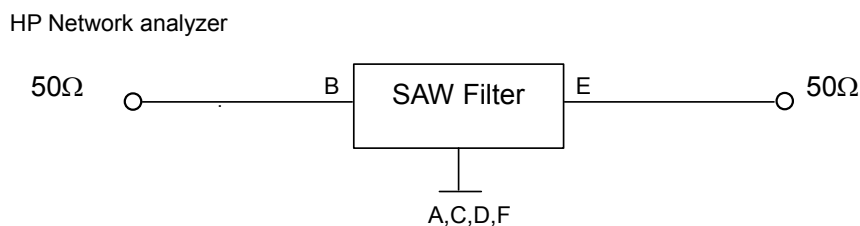
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

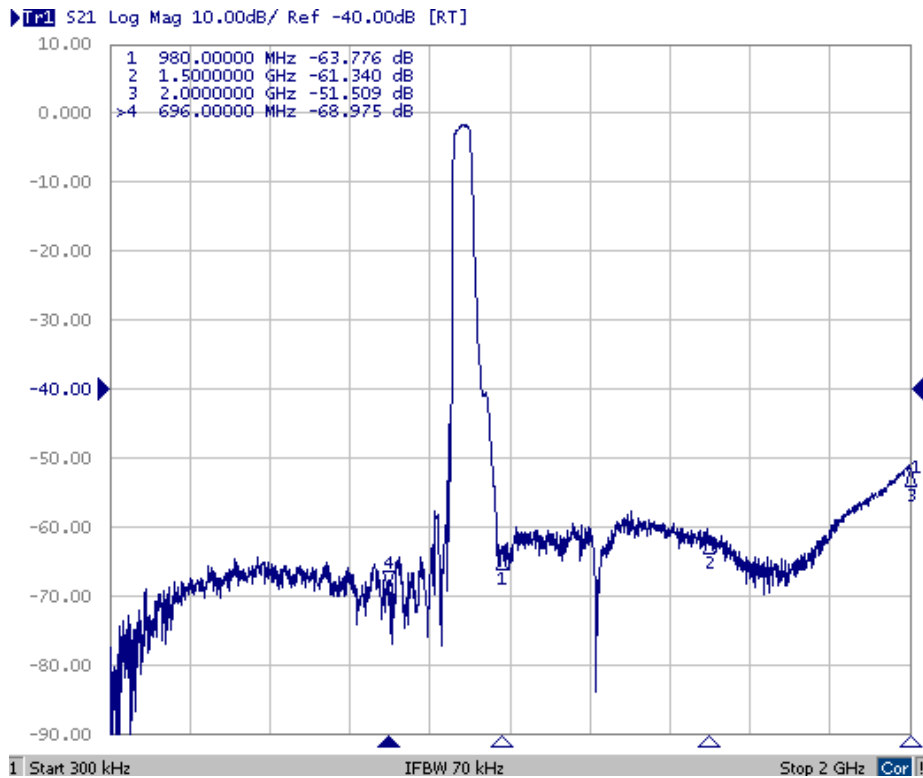
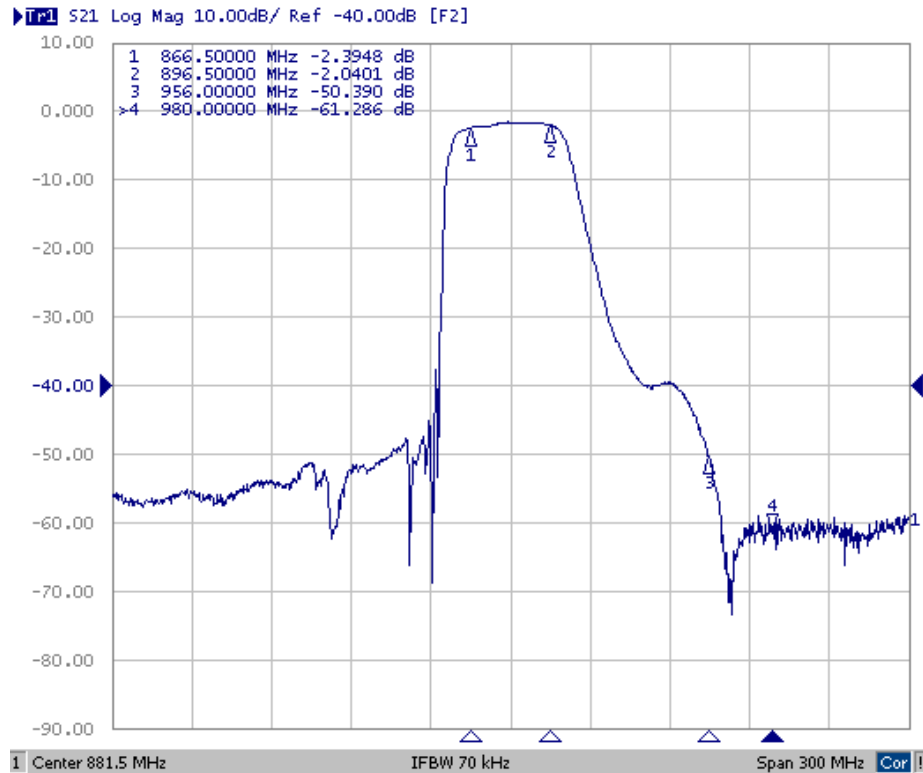
Item		Specification			
		Unit	Min.	Typ.	Max.
Center Frequency	F _c	MHz	-	881.5	-
Insertion loss	(866.5~896.5 MHz) IL	dB	-	3.0	4.0
Amplitude ripple	(866.5~896.5 MHz)	dB		0.8	2.0
VSWR	(866.5~896.5 MHz)			1.5	2.2
Rejection (referent to 0dB)					
D.C ~ 696	MHz	dB	50	58	-
956 ~ 980	MHz	dB	38	46	-
980 ~ 1500	MHz	dB	50	57	-
1500 ~ 2000	MHz	dB	30	45	-

Note1. No matching network required for operation at 50Ω

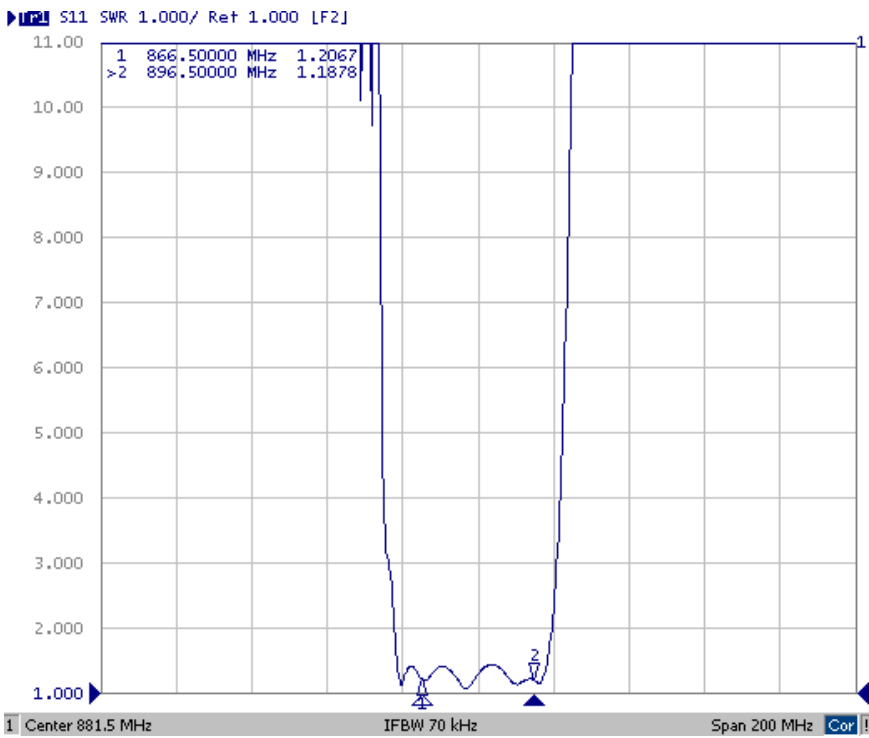
C. MEASUREMENT CIRCUIT:



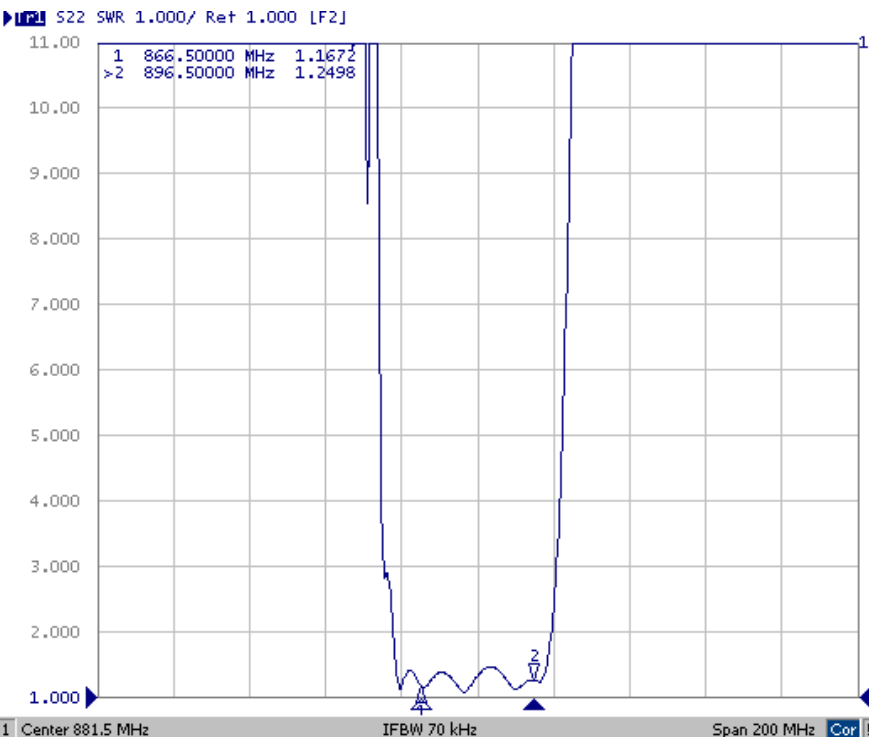
D. TRANSFER FUNCTION :



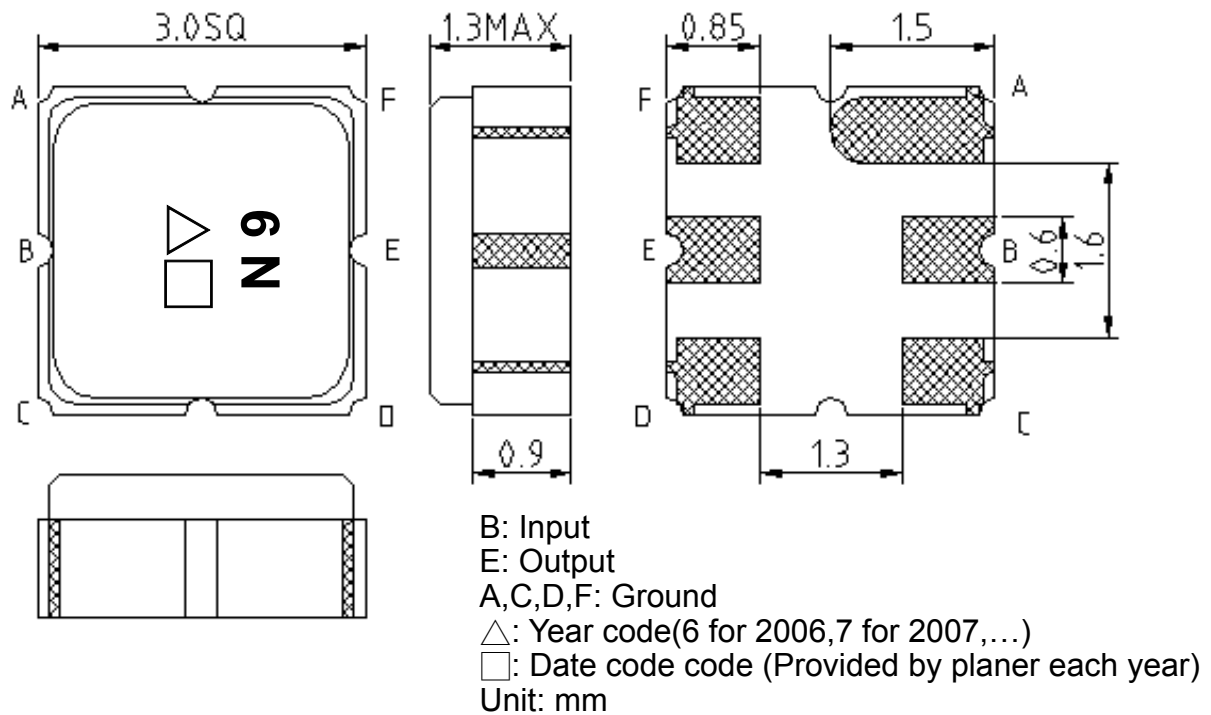
VSWR S11



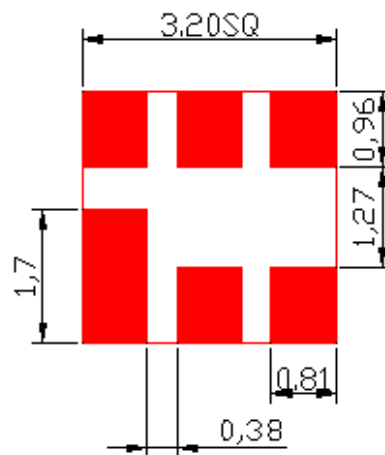
VSWR S22



E.OUTLINE DRAWING:



F.PCB FOOTPRINT:



1. REEL DIMENSION

Technical drawing of a circular part. The main view shows a large circle with a central hole. A dashed circle indicates a reference diameter of $\phi 100$. A dashed circle indicates a reference diameter of $\phi 330$. A dimension of 12.0 is shown for the thickness of the part. A detail callout 'A' points to the central hole. The detail view shows a cross-section of the hole with a diameter of $\phi 30.2$ and a thickness of 2.0. The detail view also shows a diameter of $\phi 13.0$ for the hole's opening.

[illegible]

H.RECOMMENDED REFLOW PROFILE:

