



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 999MHz SMD 3.0x3.0mm

TST Parts No.:TA0444A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2005/05/03



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SAW Filter 999 MHz

MODEL NO.: TA0444A

REV. NO.:1

A. MAXIMUM RATING:

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

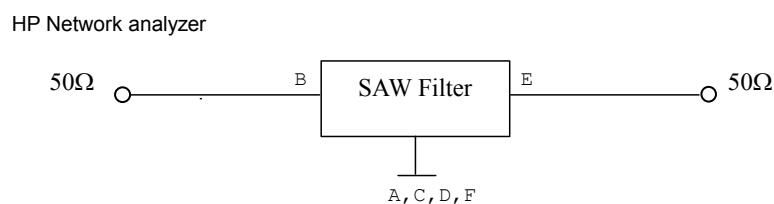
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

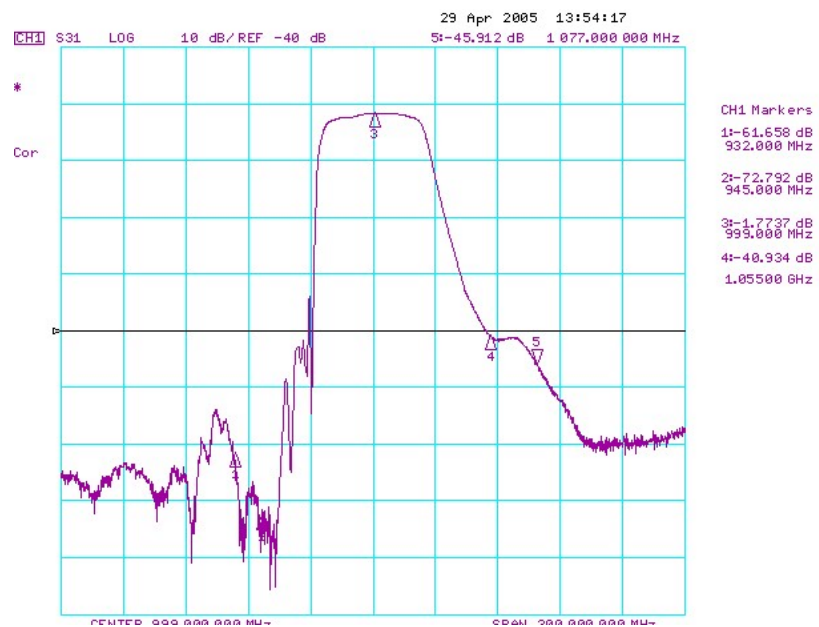
Characteristics				Specification			Note
				Min.	Typ.	Max.	
Center frequency	F _c	MHz		-	999	-	-
Insertion loss	979~1019 MHz	I.L.	dB	-	3.1	4.8	-
Ripple	979~1019 MHz		dB	-	1.4	3.1	-
Attenuation: (Reference level from 0 dB)							
10 ~ 840 MHz			dB	40	64	-	-
840 ~ 932 MHz			dB	39	54	-	-
932 ~ 945 MHz			dB	30	54	-	-
1055 ~ 1070MHz			dB	21	40	-	-
1070 ~ 1100 MHz			dB	28	41	-	-
1100 ~ 1158 MHz			dB	39	55	-	-
1158 ~ 2000 MHz			dB	30	52	-	-
Source Impedance	Z _S	Ω		-	50	-	1
Load Impedance	Z _L	Ω		-	50	-	1

Note1. No matching network required for operation at 50 Ω

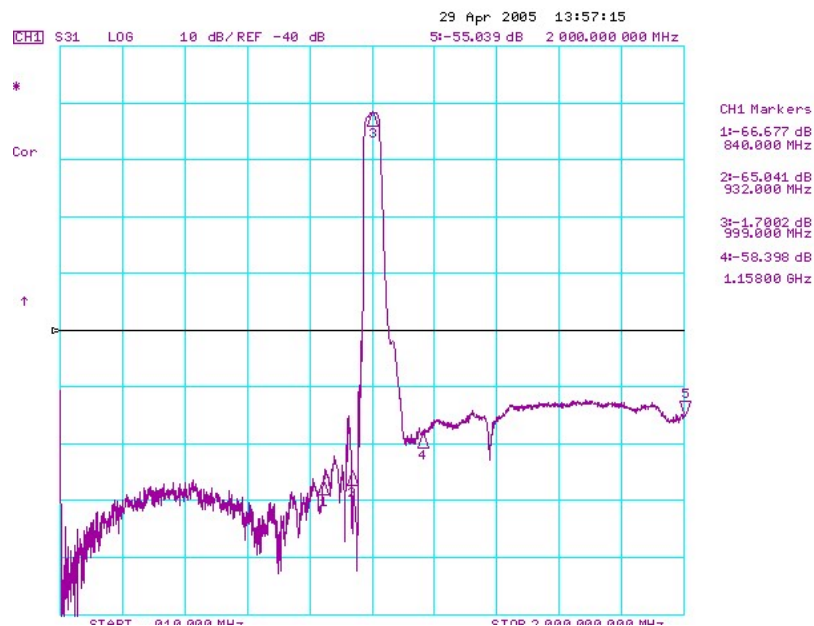
C. MEASUREMENT CIRCUIT:



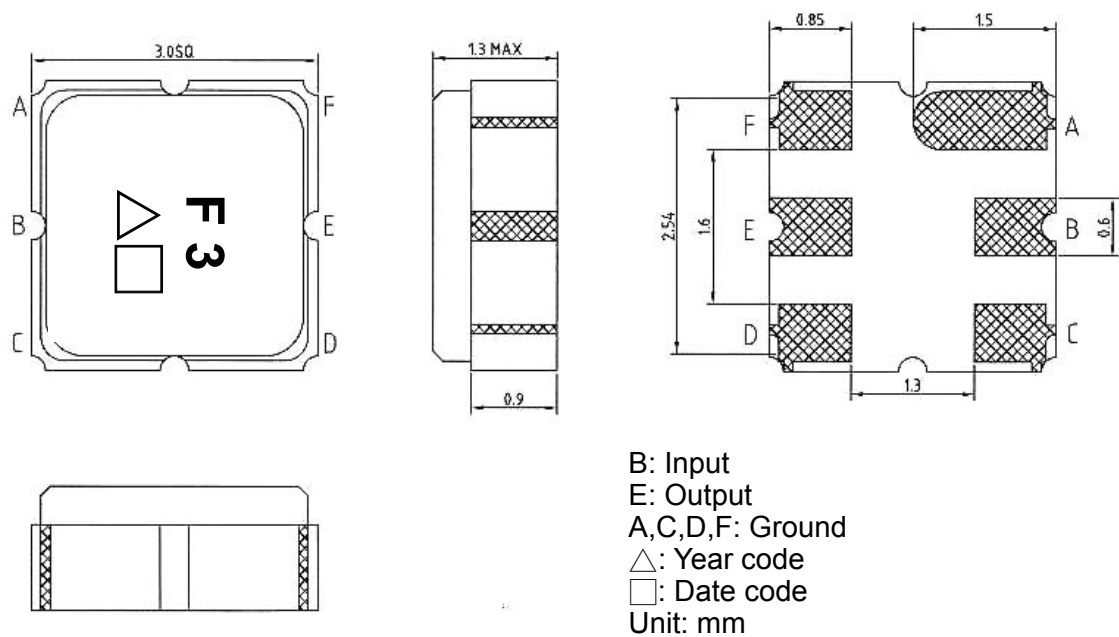
D. TRANSFER FUNCTION :



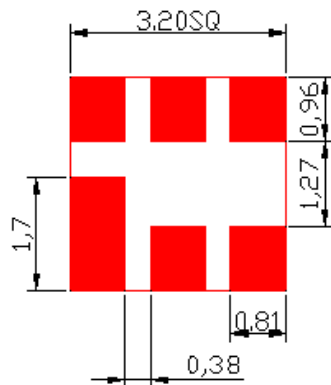
wideband



E.OUTLINE DRAWING:

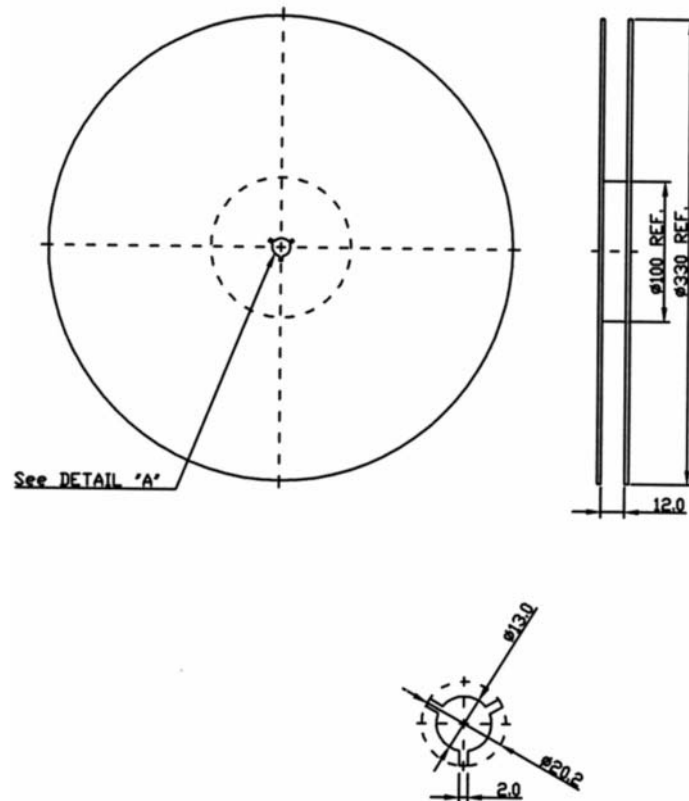


F. PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

