



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: May, 23, 2005

Product Name: SAW Filter 73.125 MHz SMD 13.3x6.5 mm

TST Parts No.:TB0259A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Bob Chau

Approval by:_____ Francis Chen

Date:_____ 5, 23, 2005



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SAW Filter 73.125MHz

MODEL NO.:TB0259A

REV. NO.:4

A. MAXIMUM RATING:

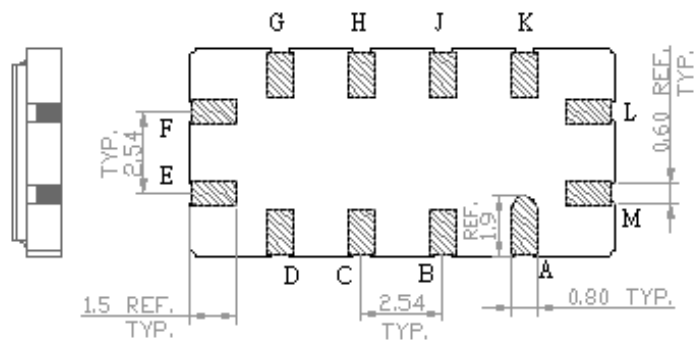
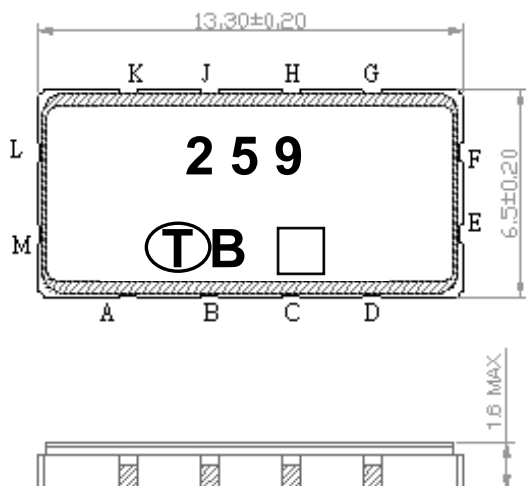
1. Input Power Level: 15 dBm
2. DC Voltage : 5V
3. Operating Temperature: -30°C to 85°C
4. Storage Temperature: -40°C to 100°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center frequency, F_c	MHz	-	73.125	-	-
Insertion Loss at F_c (-30 to +85°C) IL	dB	-	3	8	-
Insertion Loss at F_c (-10 to +65°C) IL			2.7	5.5	
Passband Ripple (F_c±7.5KHz)	dB	-	+/- 0.1	+/- 0.3	-
Absolute Group Delay at F_c	μs	-	16	25	-
Group Delay Variation (F_c±7.5KHz), GD	μs	-	1.5	10	-
Attenuation:(Reference level from Min IL)					
F_c - 10 to F_c - 0.095 MHz	dB	20	54	-	-
F_c - 0.095 to F_c - 0.05 MHz	dB	10	23	-	-
F_c + 0.05 to F_c + 0.095 MHz	dB	10	23	-	-
F_c + 0.095 to F_c + 10 MHz	dB	20	42	-	-

C.OUTLINE DRAWING:



Pin configuration

#L Input

#M Input RF-Return

#E Output

#F Output RF-Return

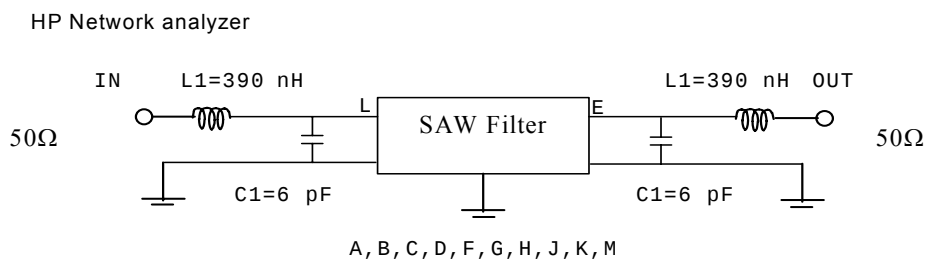
#A,B,C,D,G,H,J,K To be grounded

□ Date code

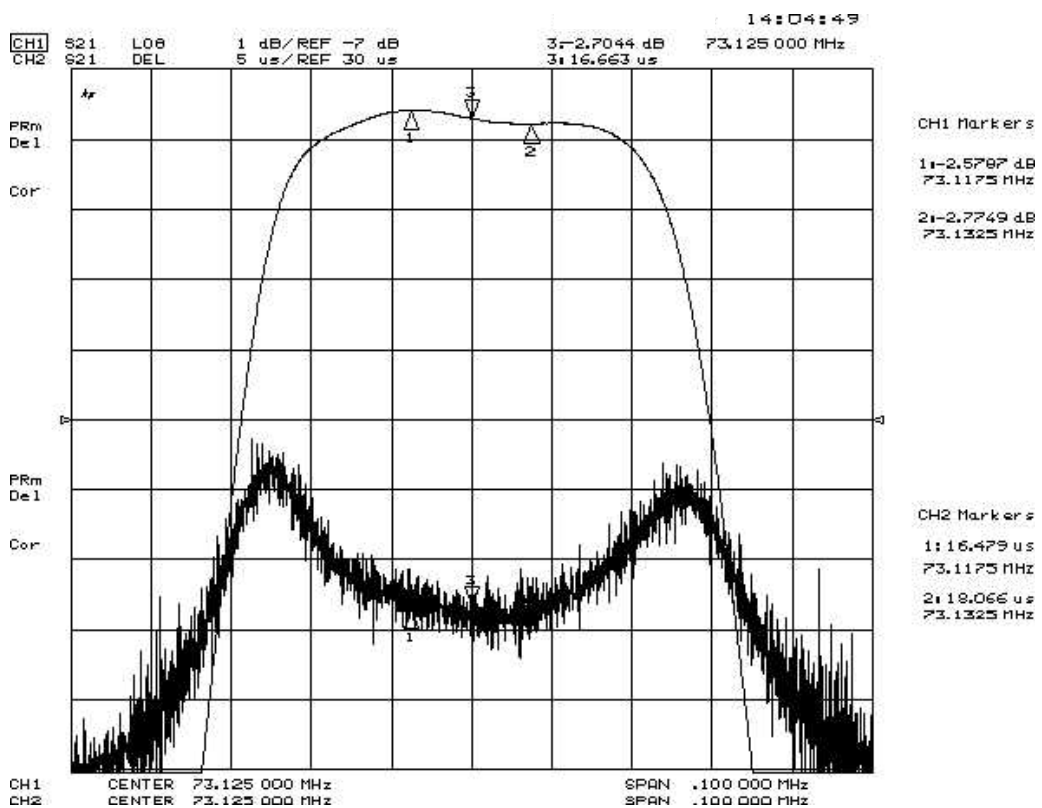
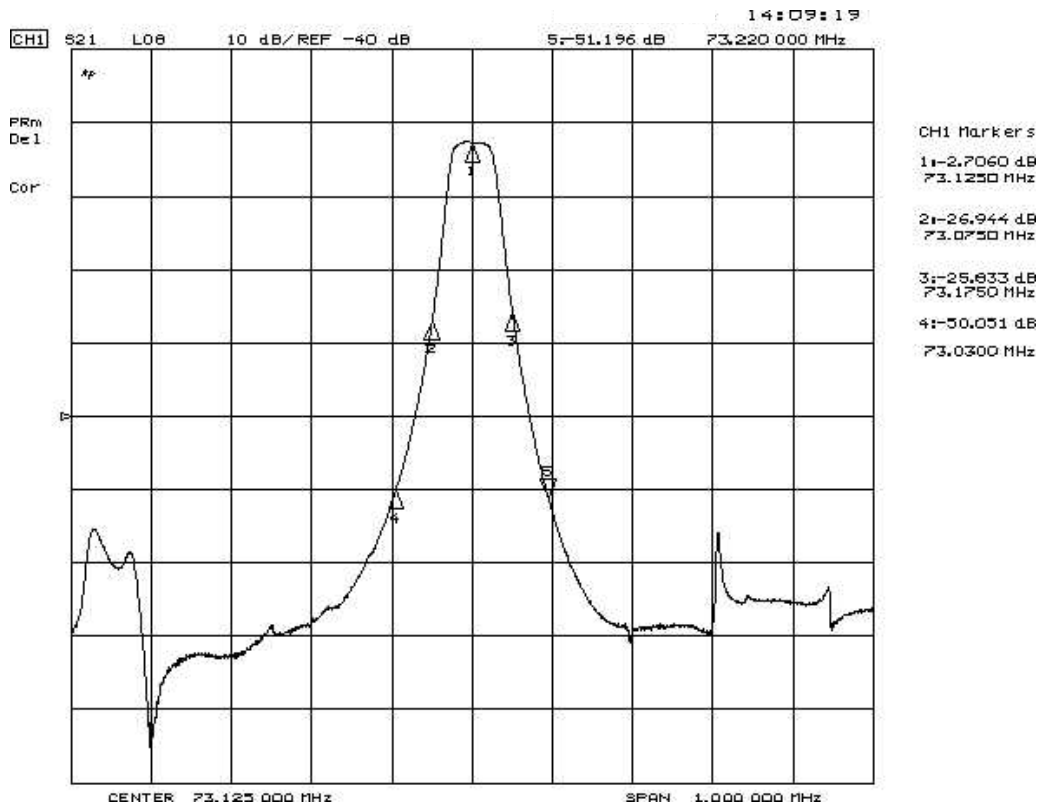
Unit mm

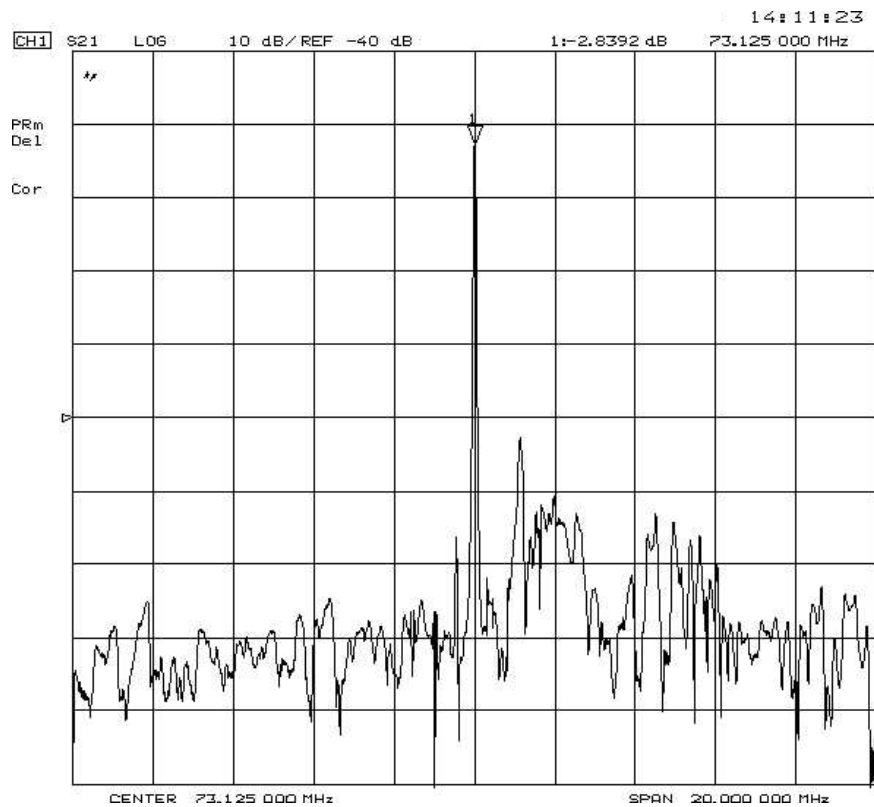
D. MEASUREMENT CIRCUIT:

50 Ohm Test circuit (single-ended / single-ended)

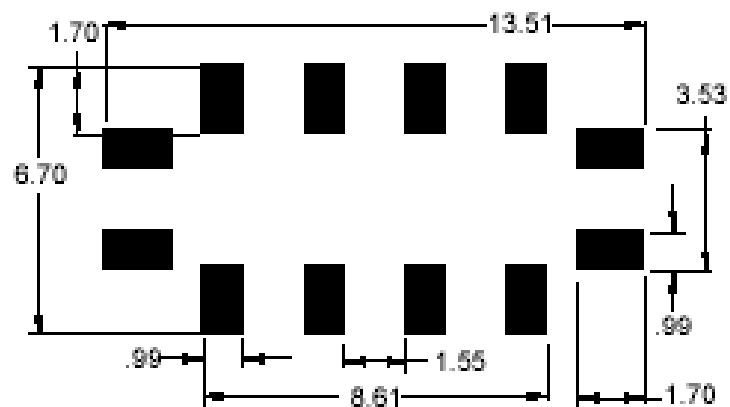


E. Frequency Characteristics :



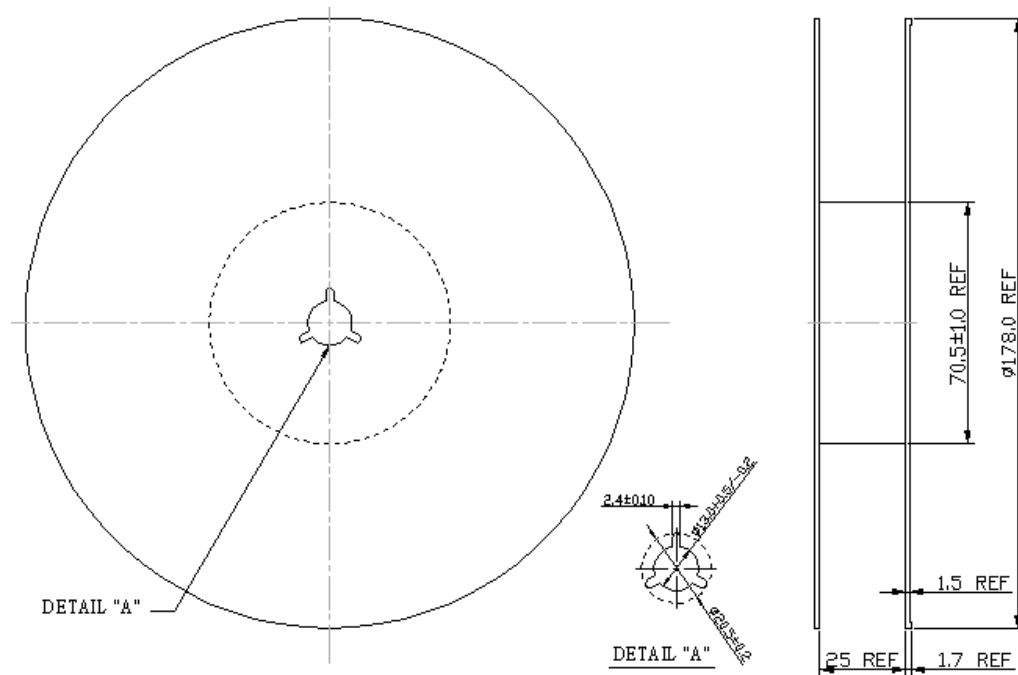


F. PCB Footprint:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

