



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
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 451MHz SMD3.8X3.8mm

TST Parts No.: TA0588A

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ 2006/7/25



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SAW Filter 451 MHz

MODEL NO.: TA0588A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 0 dBm
2. DC voltage: 5 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:

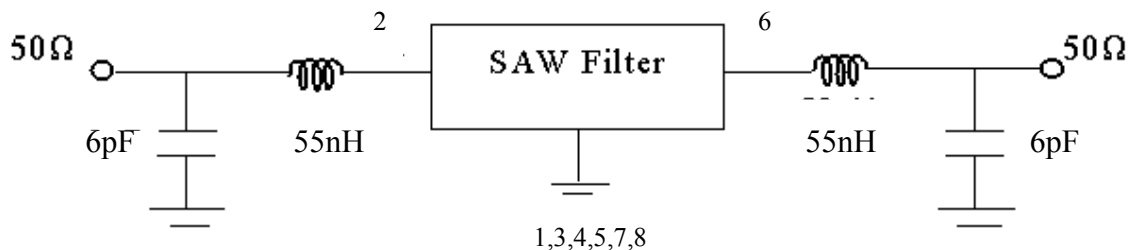
TA= -40°C to +85°C

Item	Min.	Typ.	Max.	Note
Center frequency F_c (MHz)	-	451	-	1
Minimum I.L. (dB) IL_{min}	-	3.1	4	
Pass band (relative to IL_{min}) 450.75~451.25 MHz (dB)	-	0.6	3	1
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	500	925	-	
Attenuation:(relative to IL_{min}) (dB) 10~428.2 MHz (dB)	40	51	-	1
428.2~439 MHz (dB)	40	49	-	
439~449.8 MHz (dB)	21	26	-	
452.3~462 MHz (dB)	10	14	-	
462~479 MHz (dB)	35	40	-	
479~1000 MHz (dB)	40	45	-	

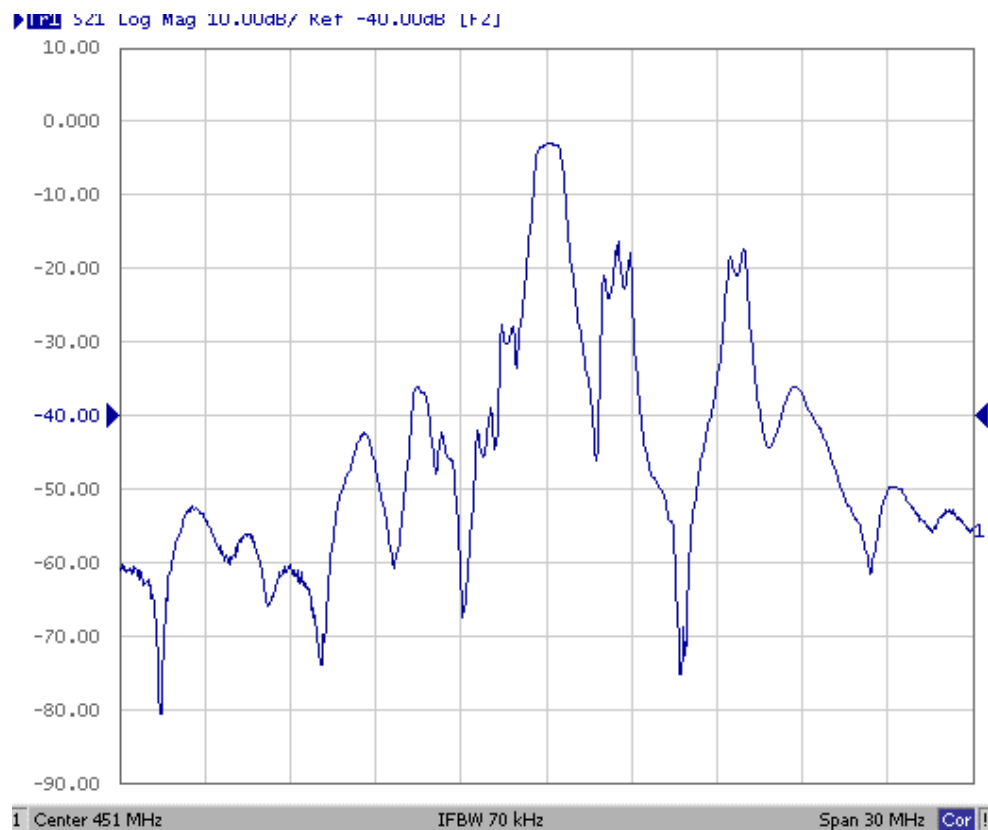
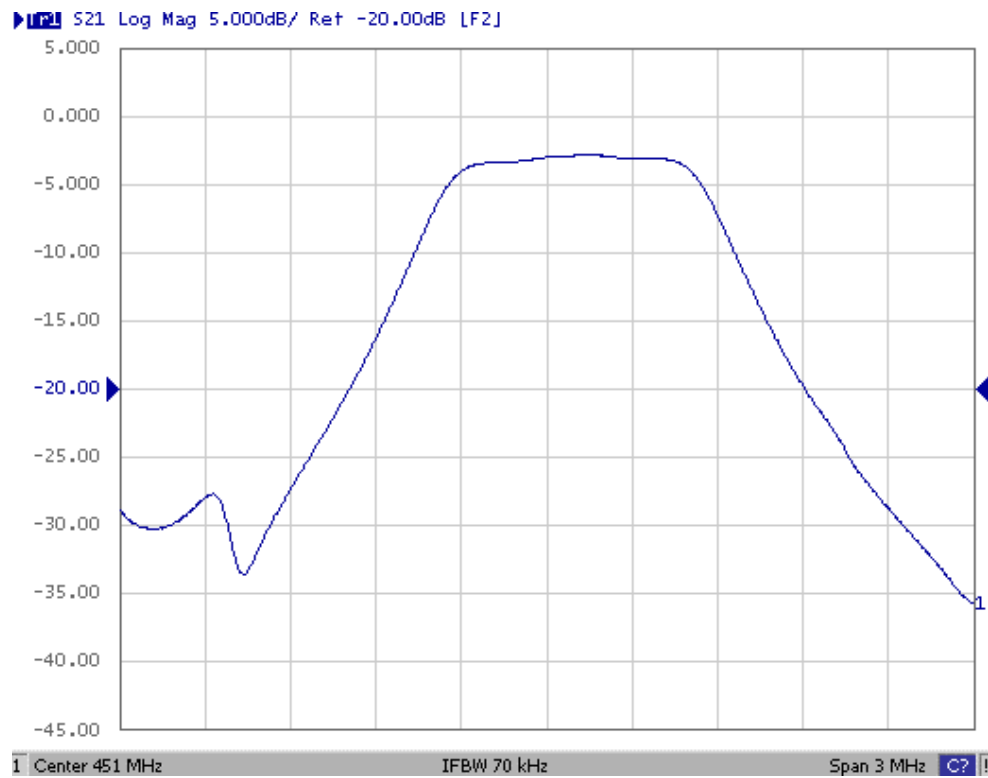
Note1. The standard definitions is in JIS C 6703

C. MEASUREMENT CIRCUIT:

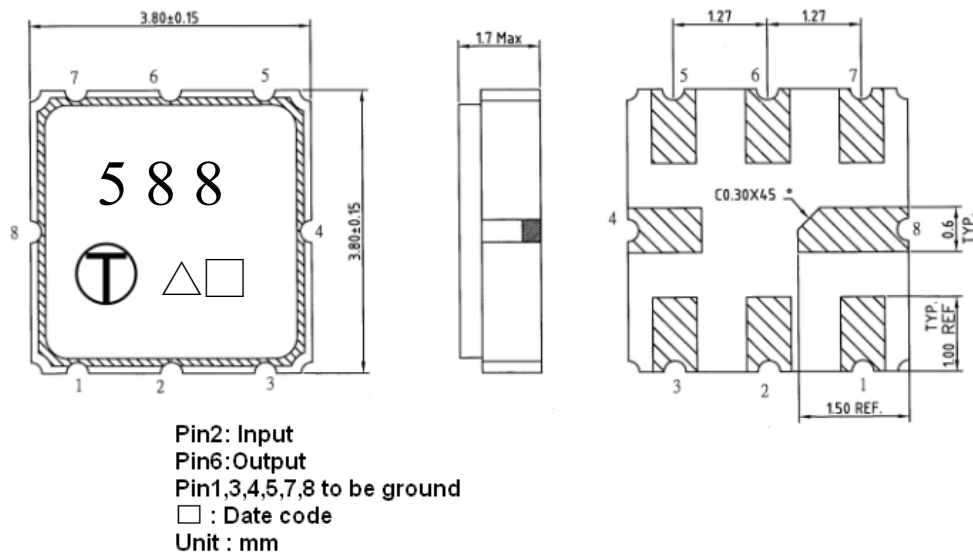
HP Network analyzer



D. FREQUENCY CHARACTERISTICS:



E. OUTLINE DRAWING:

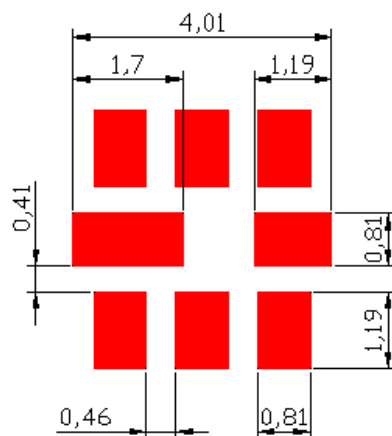


□ Date code: Provided by planer each year

△ Product Year Code

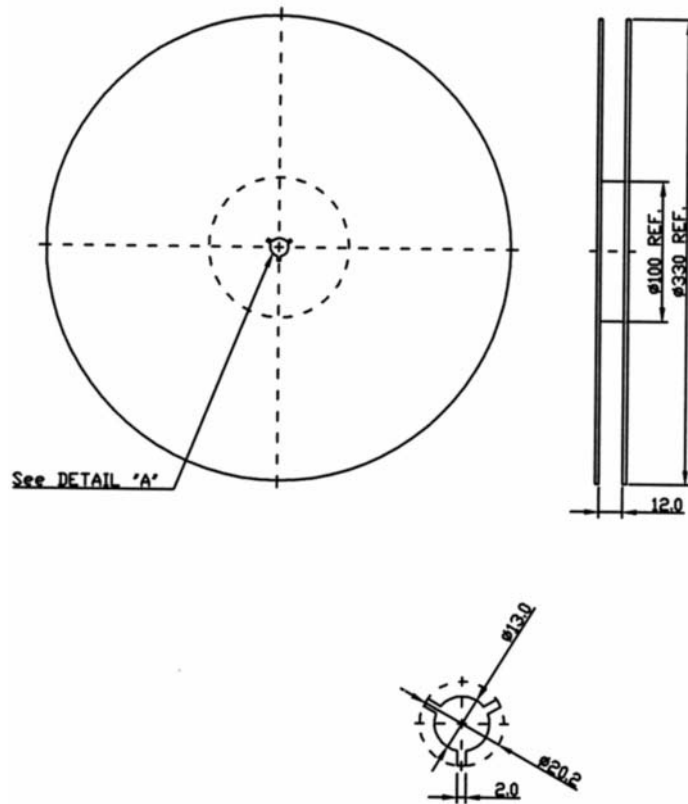
Year	2005	2006
	2007	2008
Product Code	A	a

F. PCB FOOTPRINT

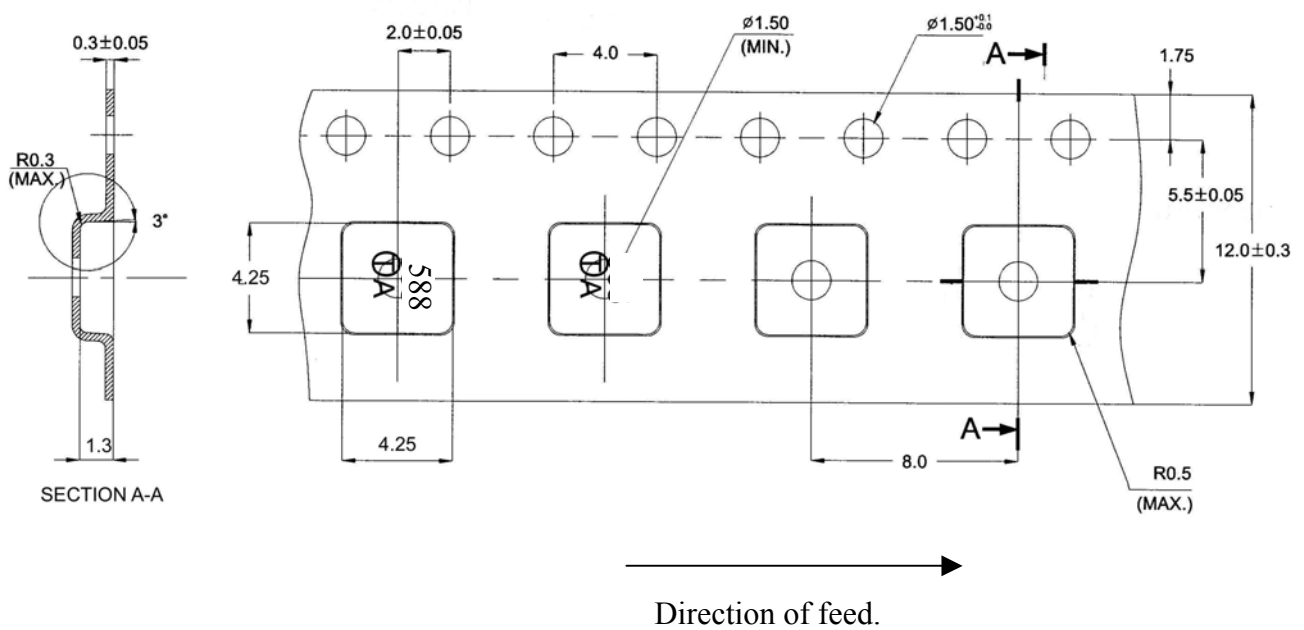


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. REFLOW PROFILE

