



# 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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## Product Specifications Approval Sheet

Product Description: SAW Filter 455MHz SMD 3.8X3.8 mm(3dB BW=500KHz)

TST Part No.: TA0472A

Customer Part No.: \_\_\_\_\_

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: Paul Ni *Paul Ni*

Approved by: Francis Chen *Francis Chen*

Date: 2011/07/22

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.



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## SAW Filter 455 MHz

MODEL NO.: TA0472A

REV. NO.:2

### 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

Electrostatic Sensitive Device

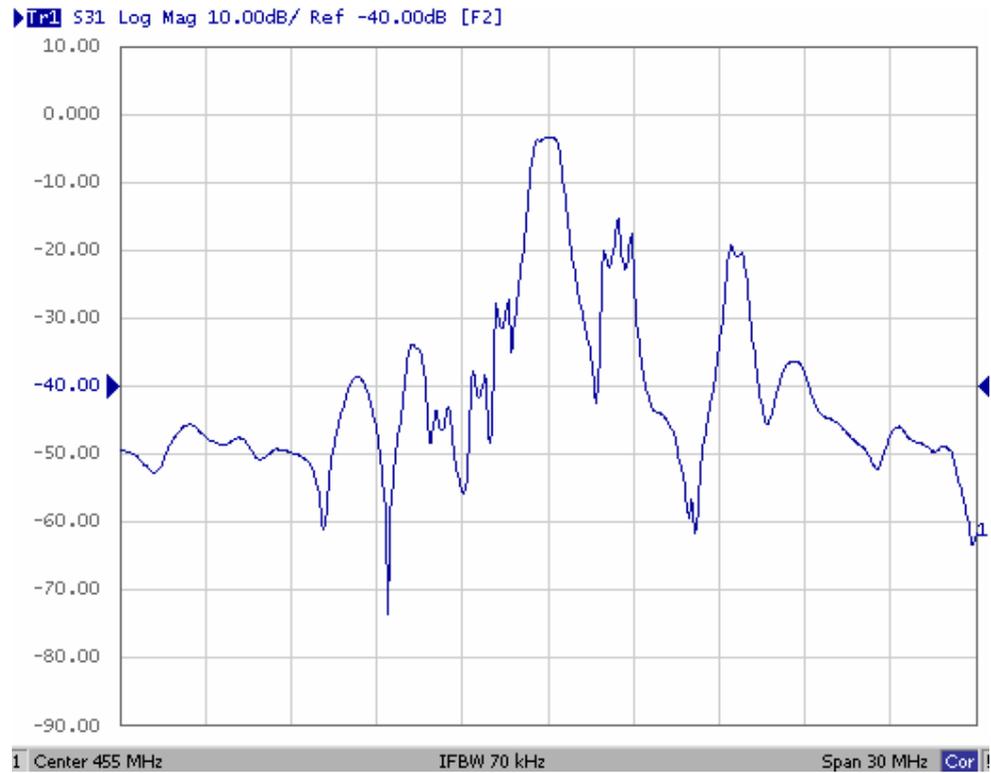
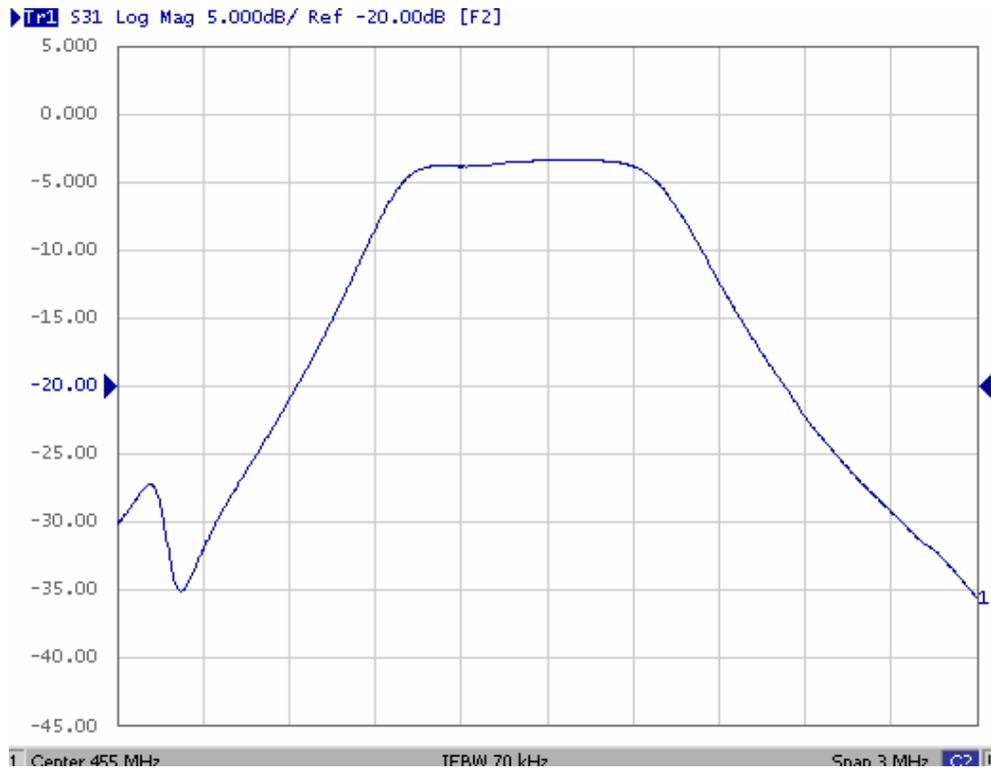
### B. ELECTRICAL CHARACTERISTICS:

TA= -40°C to +85°C

Item	Min.	Typ.	Max.	Note
Center frequency $F_c$ (MHz)	-	455	-	1
Minimum I.L. (dB) $IL_{min}$	-	3	4	
Pass band (relative to $IL_{min}$ ) 454.75~455.25 MHz (dB)	-	0.7	3	1
Pass bandwidth (relative to $IL_{min}$ ) $BW_3$ (KHz)	500	955	-	
Attenuation:( relative to $IL_{min}$ ) (dB ) 10~432.2 MHz (dB )	40	45	-	
432.2~443 MHz (dB )	40	45	-	
443~453.8 MHz (dB )	15	23	-	
456.3~466 MHz (dB )	10	16	-	
466~478 MHz (dB )	38	43	-	1
478~1000 MHz (dB )	40	45	-	

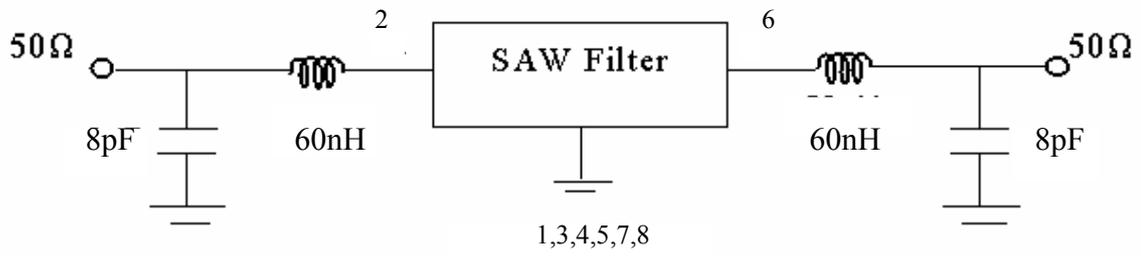
Note1. The standard definitions is in JIS C 6703

### C. FREQUENCY CHARACTERISTICS:

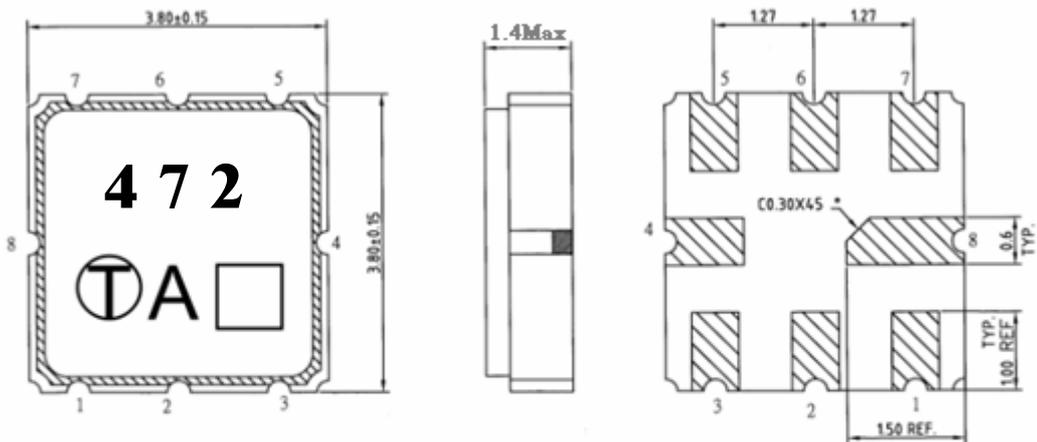


**D. MEASUREMENT CIRCUIT:**

HP Network analyzer

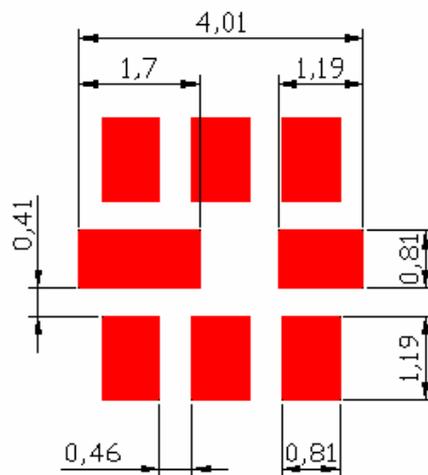


**E. OUTLINE DRAWING:**



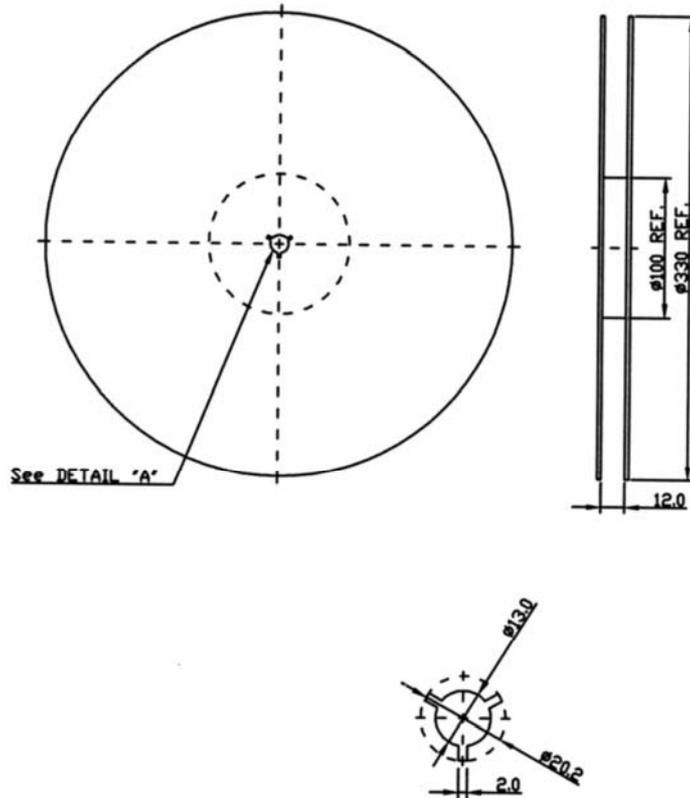
Pin2: Input  
 Pin6: Output  
 Pin1,3,4,5,7,8 to be ground  
 □ : Date code  
 Unit : mm

**F. PCB FOOTPRINT**



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

