



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Product Specifications Approval Sheet

Product Description: SAW Filter 455 MHz SMD 3.0×3.0 mm (BW=5 MHz)

TST Part No.: TB0267A

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ David Chang *David*

Approved by: _____ Andy Yu *Andy Yu*

Date: _____ 11/17/2017

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.:TB0267A

REV. NO.3

A. MAXIMUM RATING:

1. Input Power Level: 30 dBm
2. DC Voltage : 0V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -40°C to +85°C
5. Moisture Sensitivity Level: Level 1(MSL1)

RoHS Compliant
Lead free
Lead-free soldering

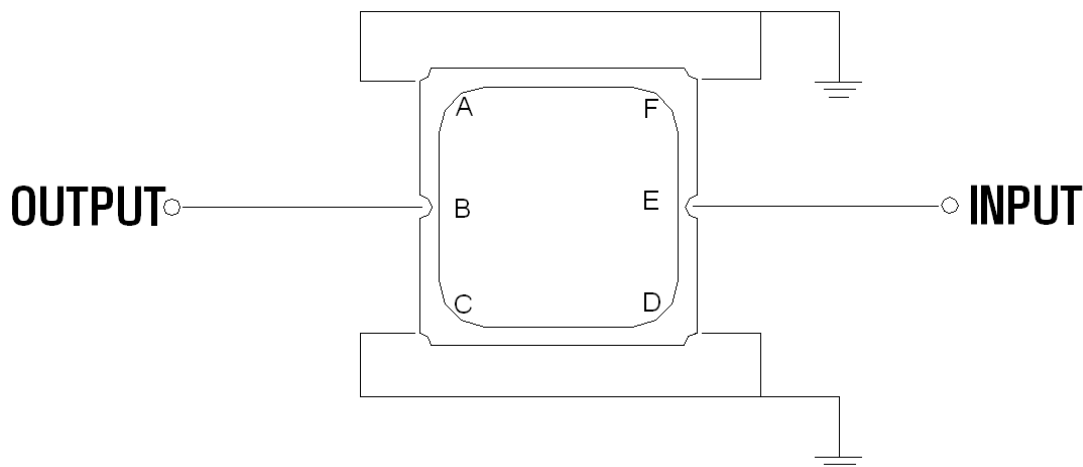
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

Parameters Description	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	455	-
Insertion Loss (452.5 ~457.5 MHz) IL	dB	-	2.2	3.2
VSWR (452.5 ~457.5 MHz)	-	-	1.5	2.1
Attenuation (Reference level from 0 dB)				
D.C. ~ 443 MHz	dB	24	26	-
462.5 ~ 467.5 MHz	dB	29	47	-
467.5 ~ 1500 MHz	dB	24	28	-
1500 ~ 2000 MHz	dB	14	22	-

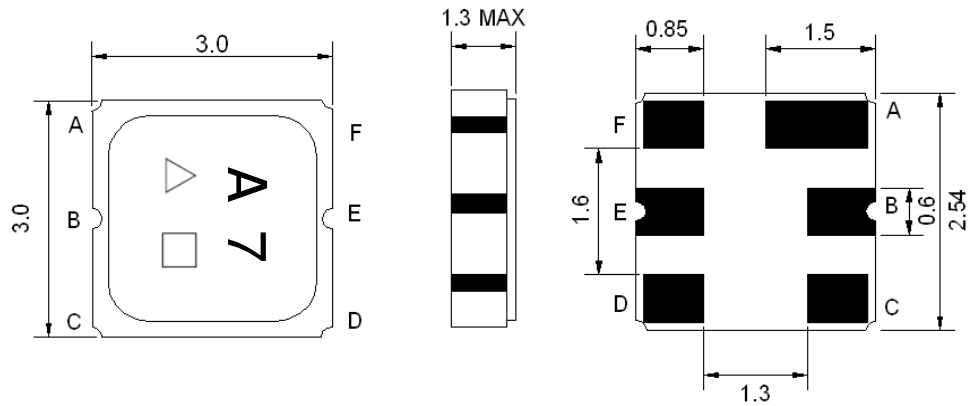
Notes: No Matching Network.

C. MEASUREMENT CIRCUIT:



Source & Load Impedance: 50 Ω

D. OUTLINE DRAWING:



B: Input

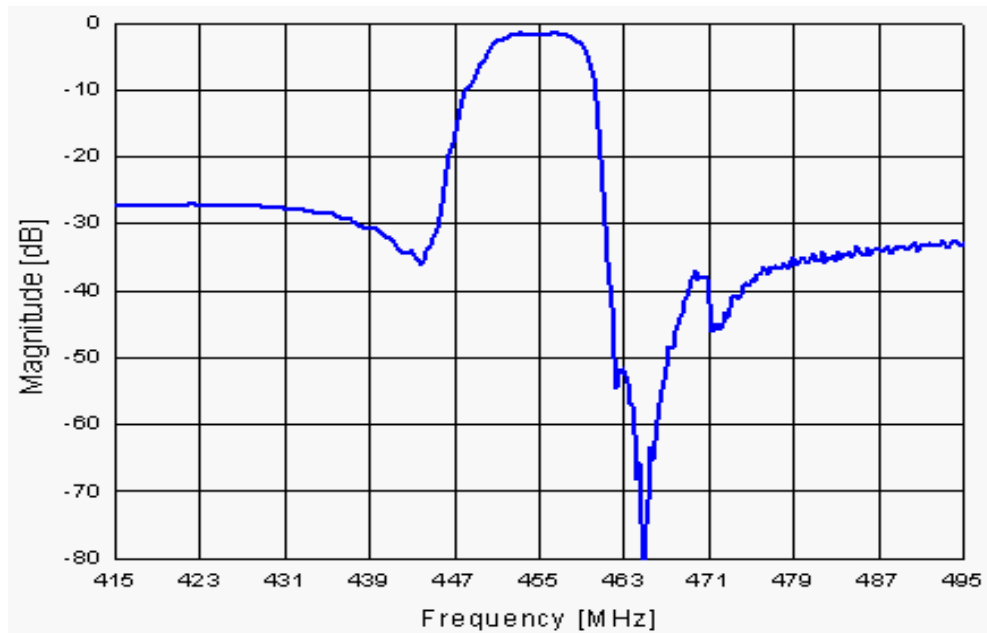
E: Output

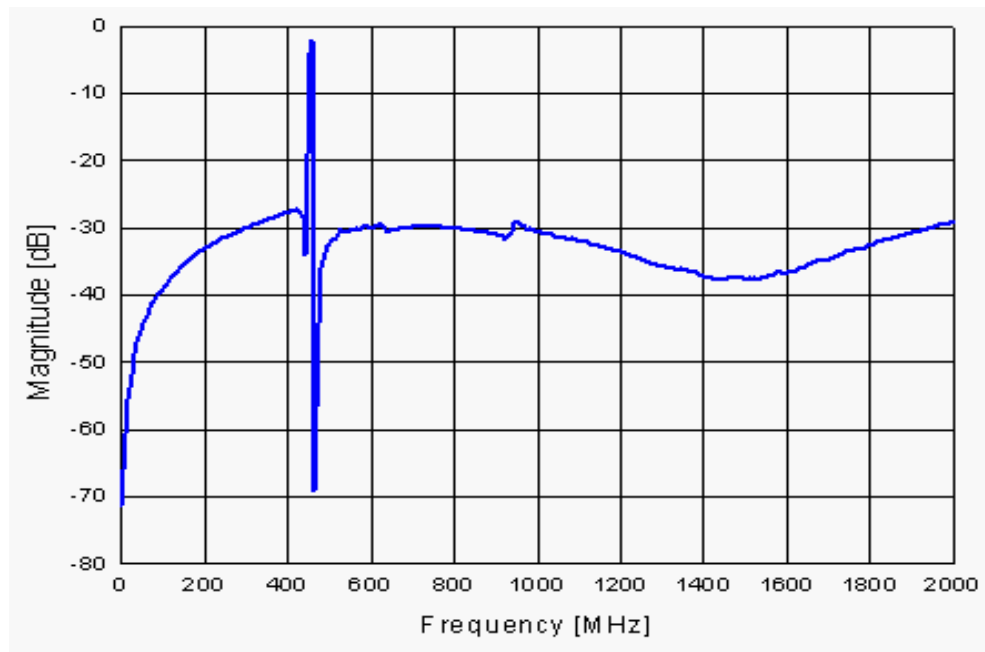
A, C, D, F: Ground

△ : Year Code (2017->H, 2018->J, ..., 2027->T, 2028->U)

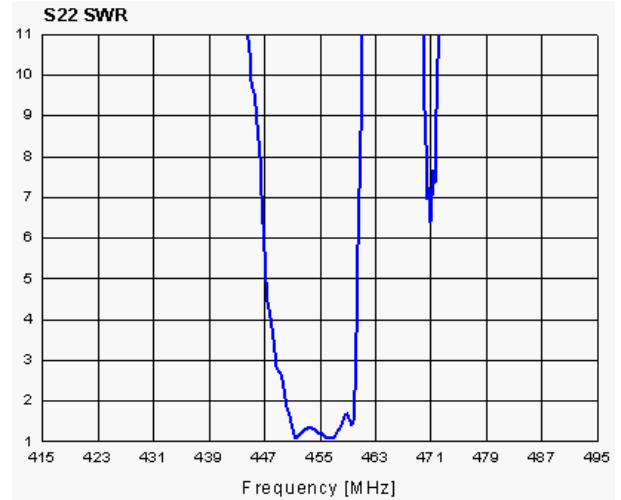
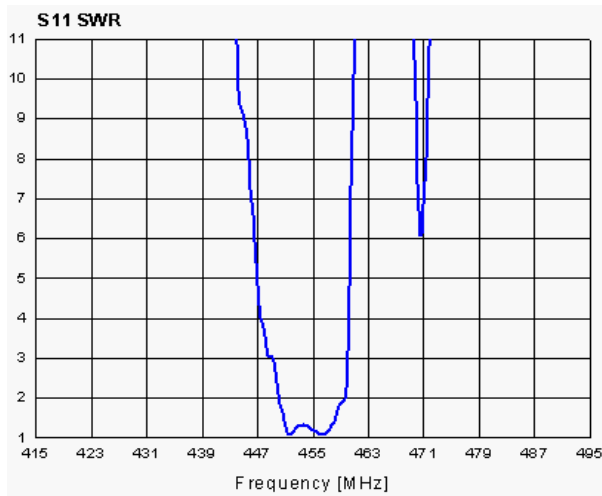
□ : Month Code (1~9, 10->A, 11->B, 12->C)

E. Frequency Characteristics:

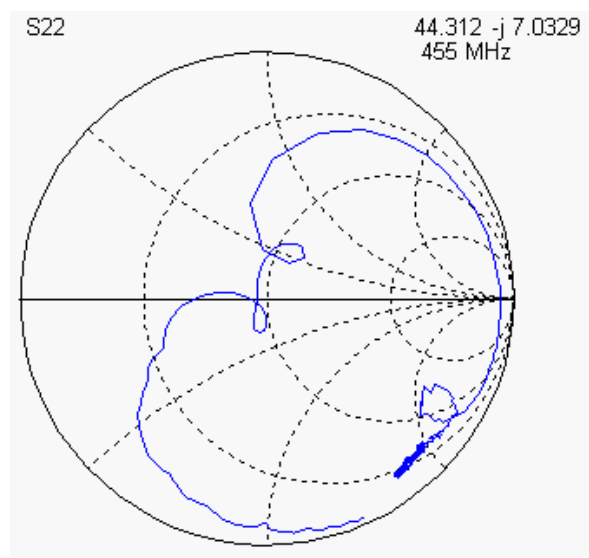
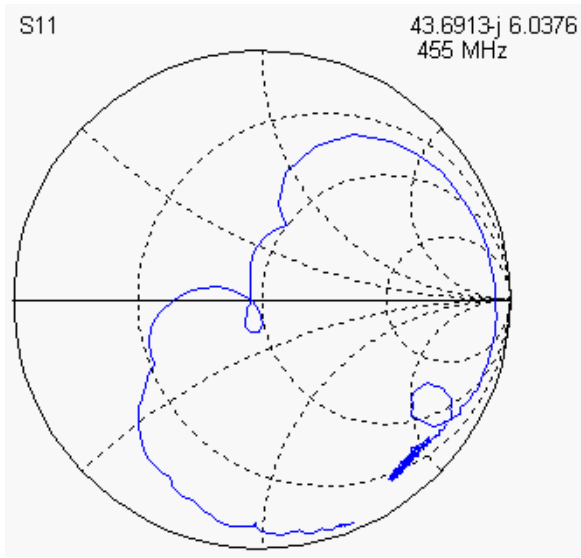




VSWR



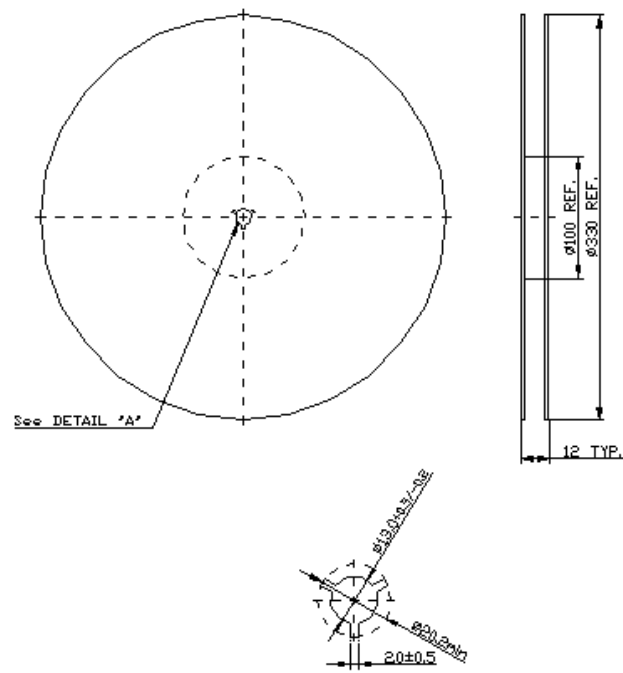
Smith Chart



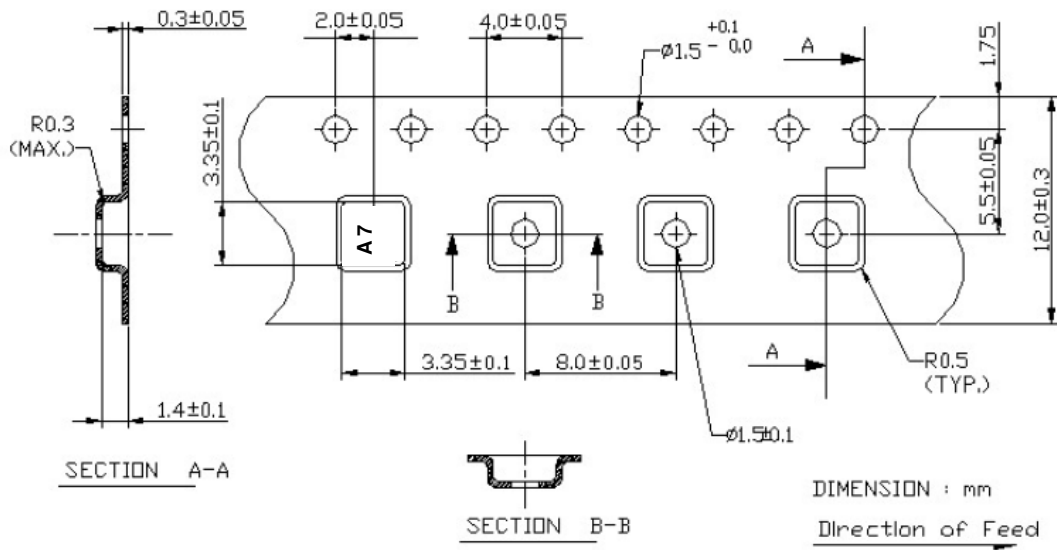
F. PACKING: (Ref. WI-75M03)

1. REEL DIMENSION

(Please refer to FR-75D10 for packing quantity)



2. TAPE DIMENSION



G. RECOMMENDED REFLOW PROFILE:

1. Preheating shall be fixed at $150 \sim 180^{\circ}\text{C}$ for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at $260^{\circ}\text{C} +0/-5^{\circ}\text{C}$ peak (20~40sec).
4. Time: 2 times.

