



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

E-mail: ttsales@mail.taisaw.com Web: www.taisaw.com

Product Specifications Approval Sheet

Product Name: Dielectric Filter 1230MHz size 9.2x8.1 mm (BW=140 MHz)

TST Parts No.: TR0023A

Customer Parts No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Hongpu Lin *Hong Pu Lin*

Approved by: _____ Andy Yu *Andy Yu*

Date: _____ 2019/11/05

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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Dielectric filter 1230 MHz

MODEL NO.: TR0023A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 1 W
2. DC Voltage : 0 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature:-40°C to +85°C
5. Moisture Sensitivity Level: Level 3

Electrostatic Sensitive Device (ESD)

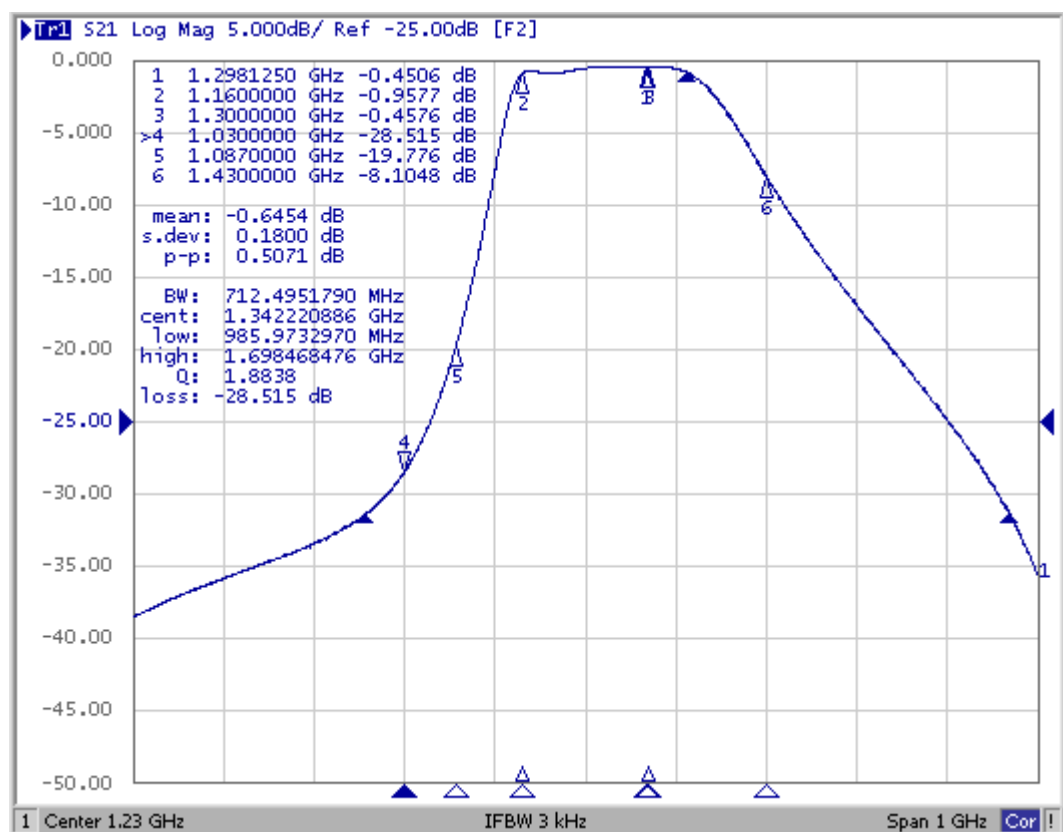
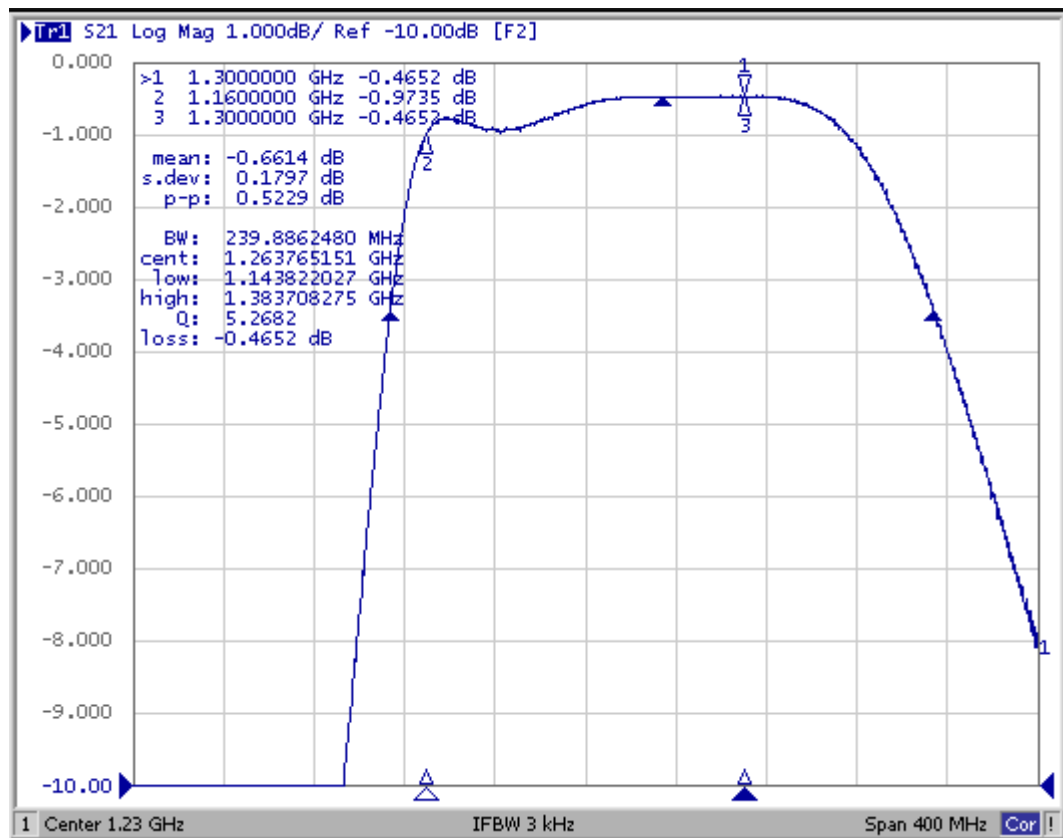
B. ELECTRICAL CHARACTERISTICS:

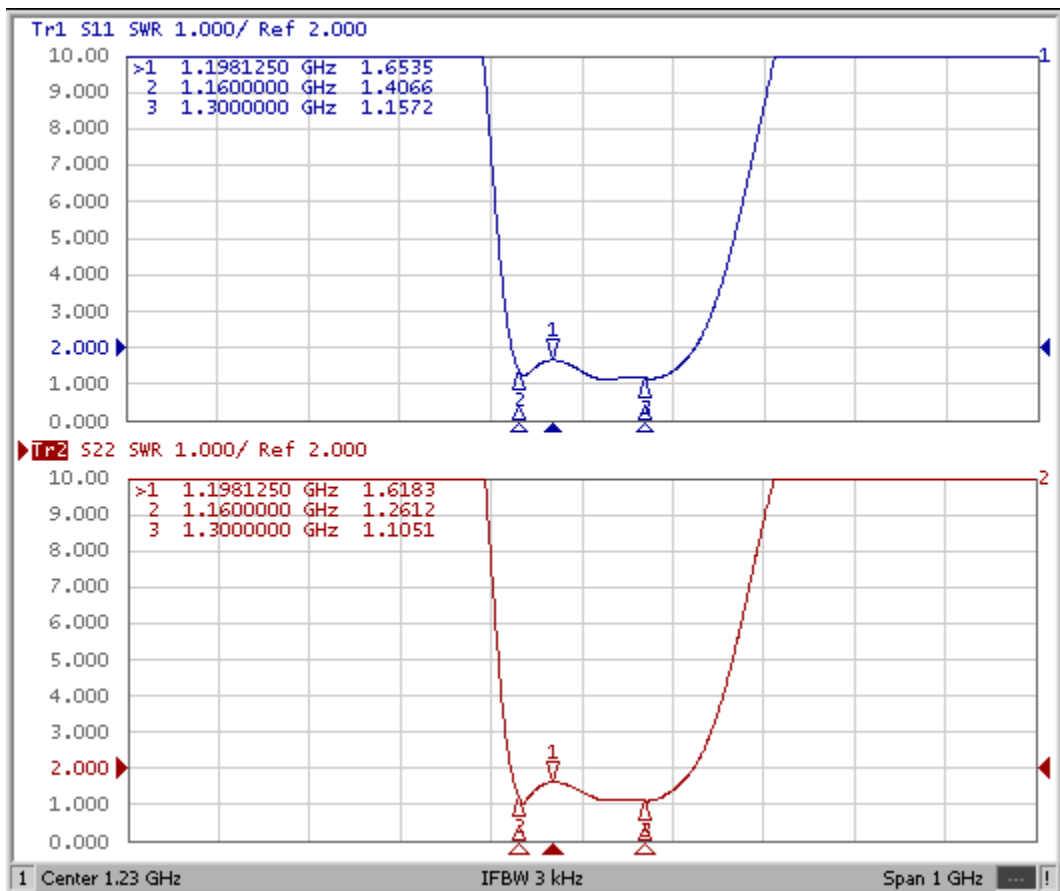
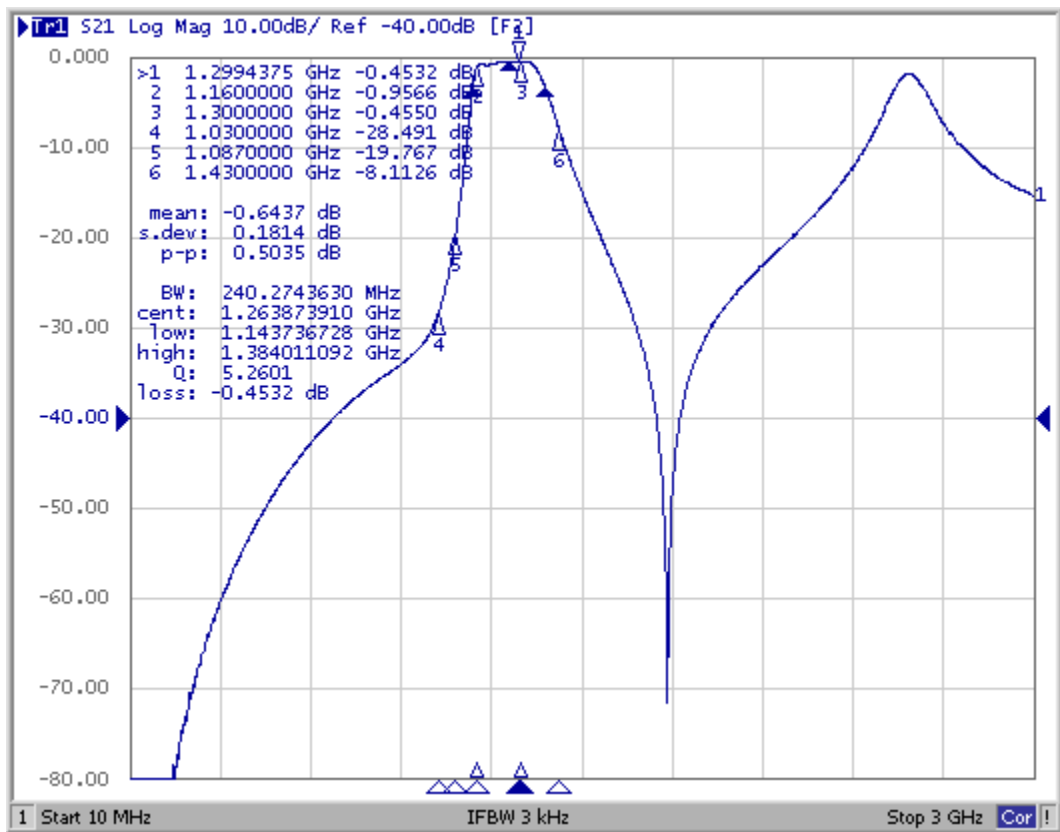
Terminating source impedance (single ended) : $Z_s = 50 \Omega$

Terminating load impedance (single ended) : $Z_L = 50 \Omega$

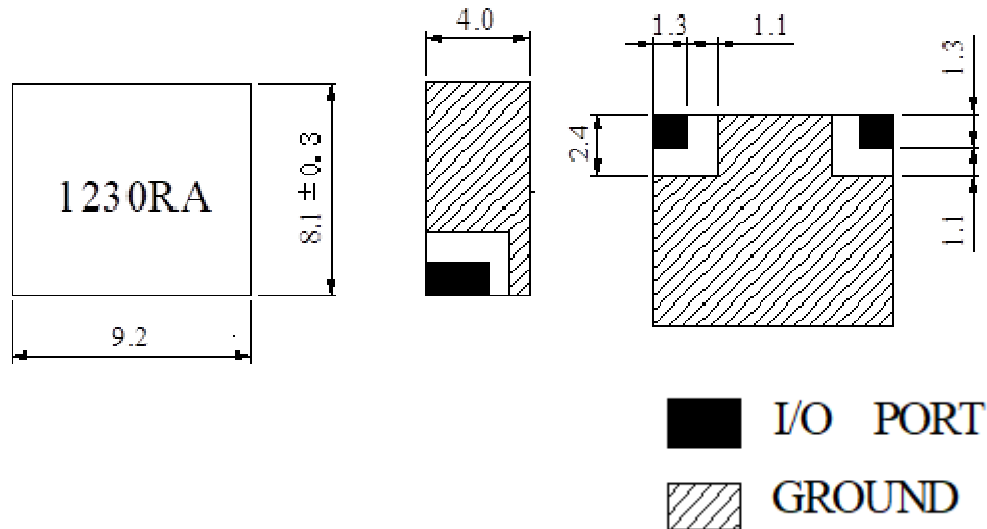
Item	Specifications
Center Frequency (Fo)	1230.0 MHz
Pass Bandwidth (BW)	1160.0 ~ 1300.0 MHz (fo±70.0MHz)
Insertion Loss in BW	2.0 dB max.
Ripple in BW	0.8 dB max.
V S W R	1.8 max.
Attenuation [Absolute Value]	25.0 dB min. @ fo : 1030.0 MHz 17.0 dB min. @ fo : 1087.0 MHz 7.0 dB min. @ fo : 1430.0 MHz
Input Power	1.0 max
In /Out Impedance	50Ω
Operation Temperature Range	-40°C ~ +85°C

C. FREQUENCY CHARACTERISTICS:



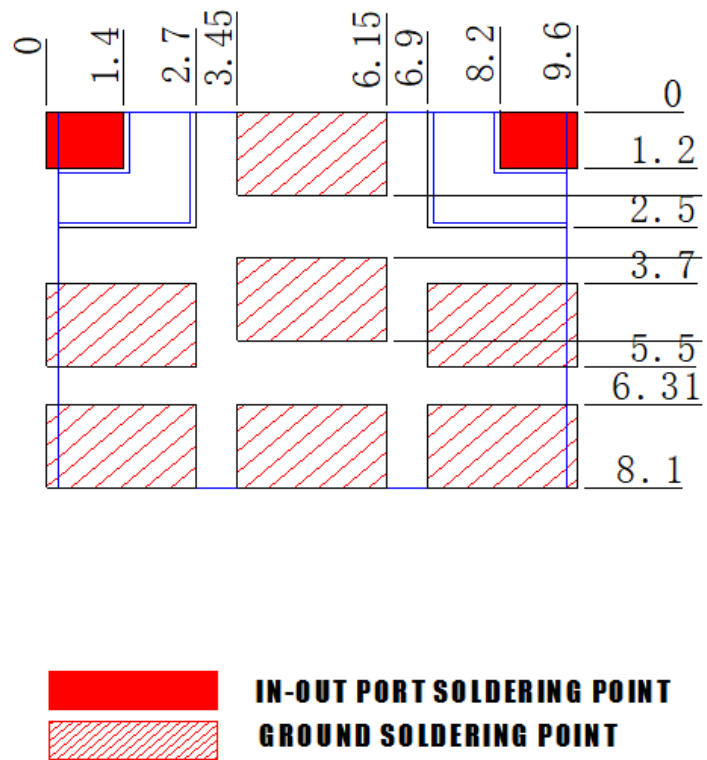


D. OUTLINE DRAWING:
DIMENSION



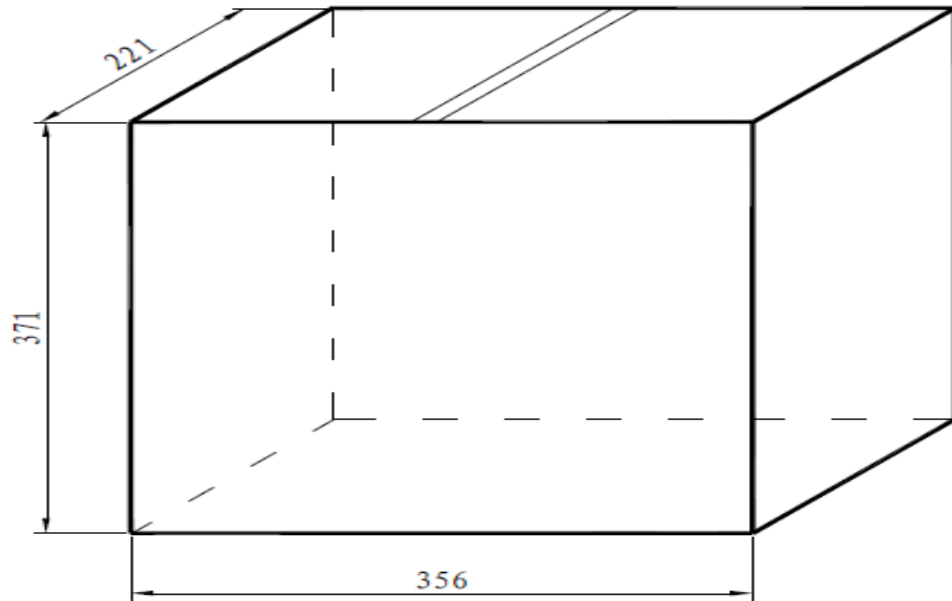
TOLERANCE : ± 0.20
UNIT : mm

E. PCB FOOT PRINT

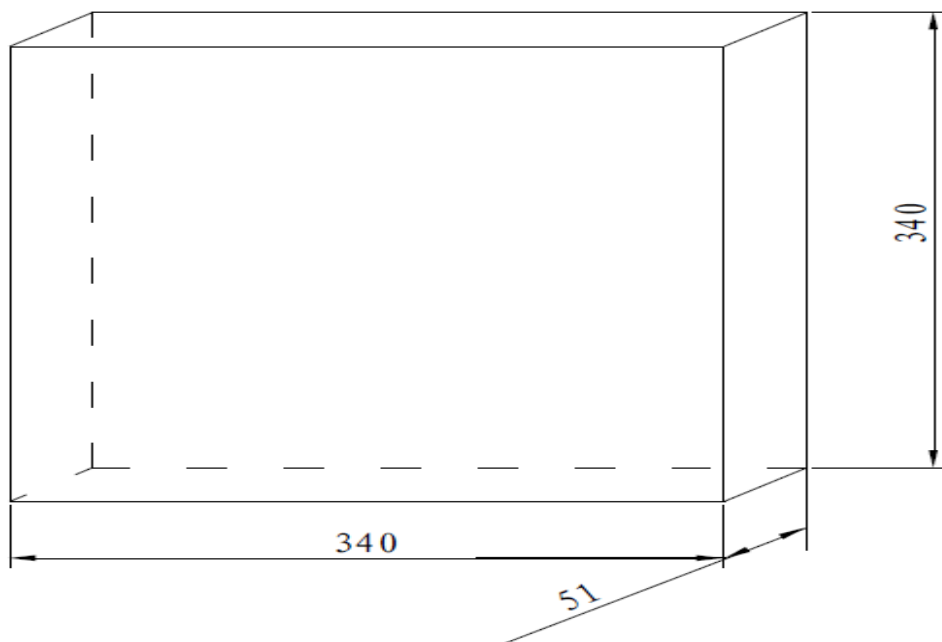


F. PACKING:

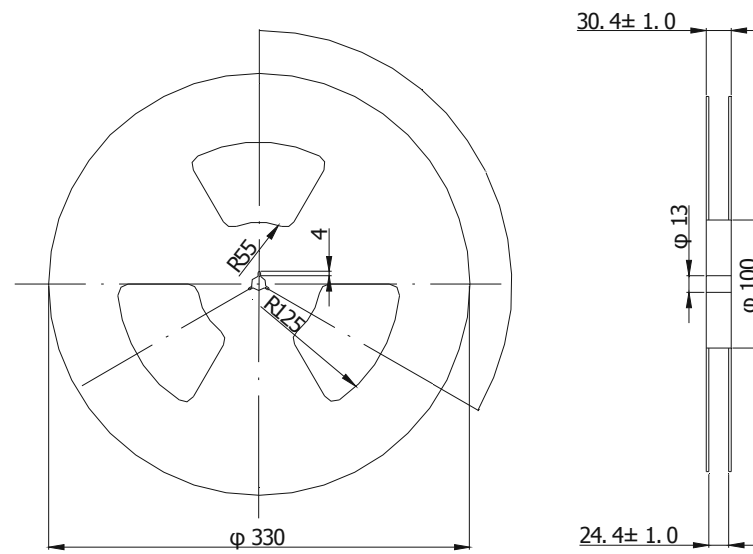
1 Dimensions of Outer Carton (4 Inner Carton / Outer Carton)



2 Dimensions of Inner Carton (1Reel/ Inner Carton)



3 Dimensions of Reel (500pcs/ Reel)



4 Dimensions of Carrier Tape

