



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Product Specifications Approval Sheet

Product Description: 3625MHz 150MHz Dielectric Band Pass Filter

TST Parts No.: TR0001A

Customer Parts No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Kazuma Lee *Kazuma Lee*

Approval by: _____ Andy Yu *Andy Yu*

Date: _____ 10 / 27 / 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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Dielectric Band Pass Filter 3625MHz 150MHz BW

MODEL NO.: TR0001A

REV. NO.1

A. MAXIMUM RATING:

1. Operating temperature range: -40°C to 85°C
2. Storage temperature range: -40°C to 85°C
3. Input Power Level : 1W
4. Moisture Sensitivity Level: Level 1(MSL1)

RoHS Compliant
Lead free
Lead-free soldering

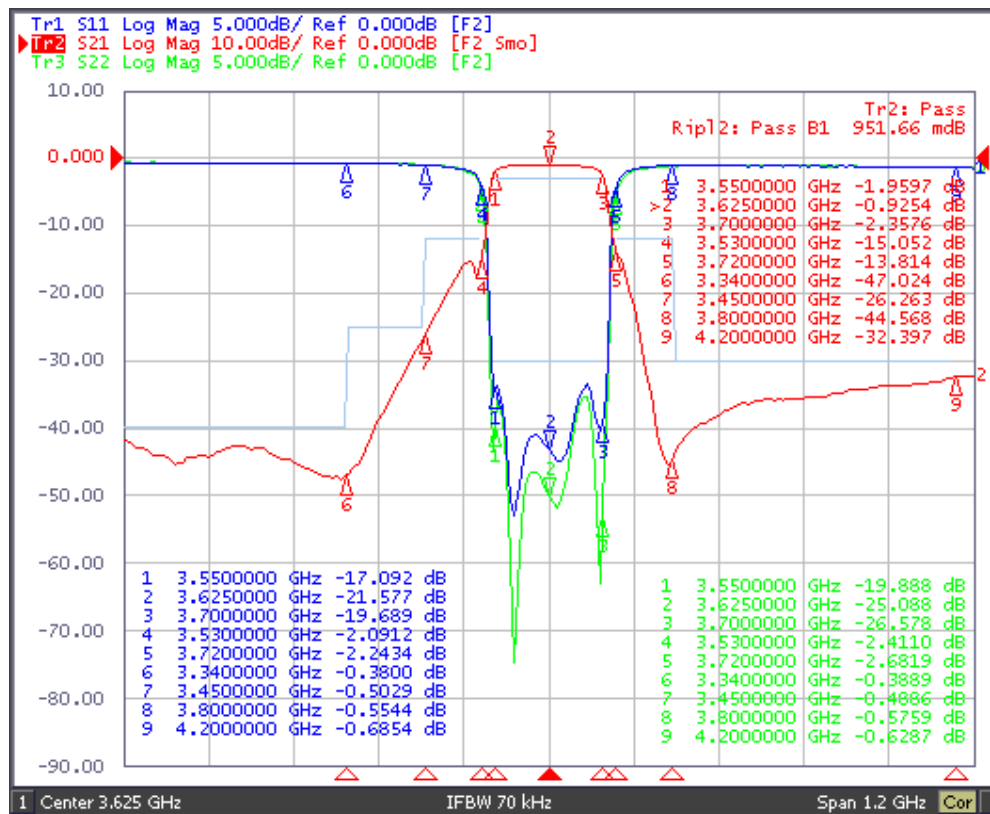
Electrostatic Sensitive Device

B. CHARACTERISTICS:

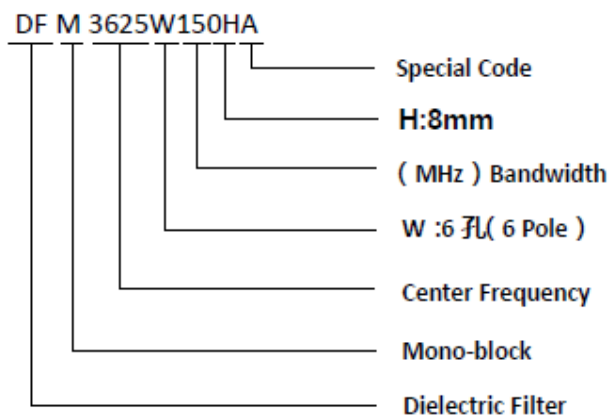
Ambient Temperature: 25°C

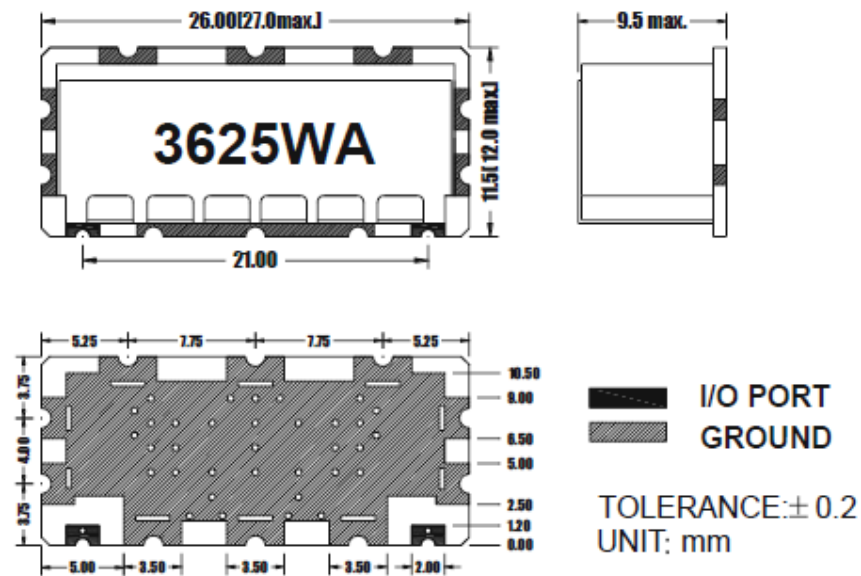
ELECTRICAL SPECIFICATIONS			
ITEM		SPEC	Unit
1	Center Frequency [fo]	3625.00	MHz
2	Bandwidth	fo ± 75.0 [3550.0 ~ 3700.0]	MHz
3	Insertion Loss in BW	3.0 max.	dB
4	Ripple in BW	1.5 max.	dB
5	Return Loss in BW	15.0 min	dB
6	Attenuation [Absolute Value]	40 min at DC~3340MHz 25 min at 3340~3450MHz 12 min at 3450~3530MHz 12 min at 3720~3800MHz 30 min at 3800~3910MHz 30 min at 3910~4200MHz	dB
7	Ave Group Delay in BW	40 max.	ns
8	Group Delay Variation in BW	±12 max.	ns
9	In/Out Impedance	50	Ω

C. FREQUENCY CHARACTERISTICS:

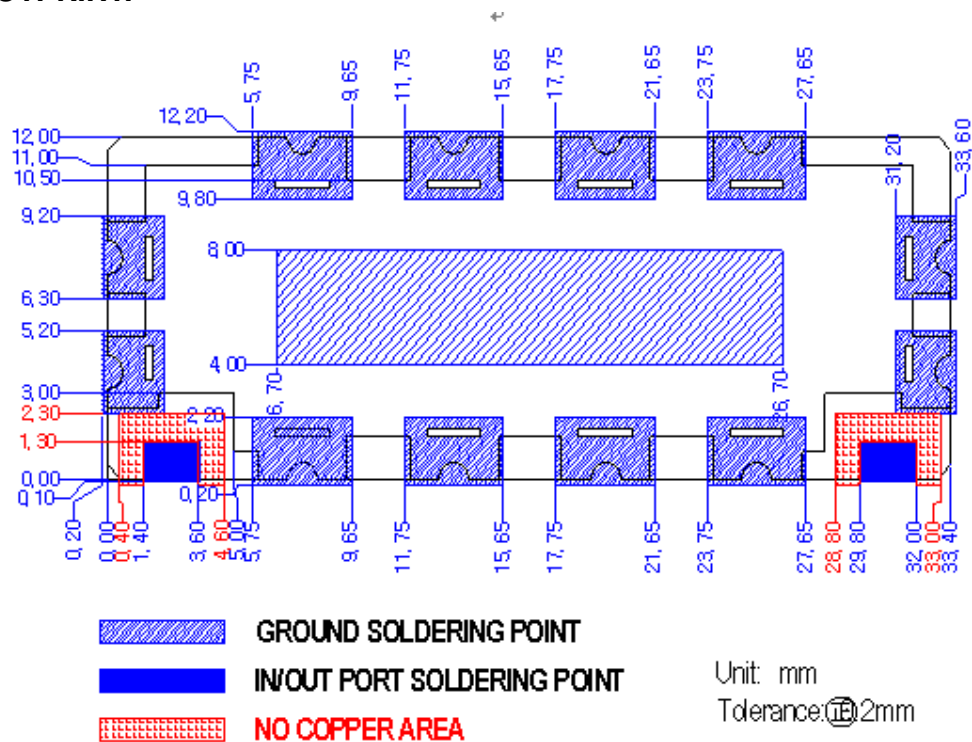


D. OUTLINE DRAWING:





E. PCB FOOTPRINT:



F. RECOMMENDED REFLOW PROFILE:

