



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 1590MHz SMD 3.0X3.0 mm(BW=50MHz)

TST Part No.: TA1168A

Customer Part No.: _____

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

Checked by: Paul Ni *Paul*

Approved by: Francis Chen *Francis Chen*

Date: 2010/6/09

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 1590 MHz

MODEL NO.:TA1168A

REV. NO : 1.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -30°C to +85°C

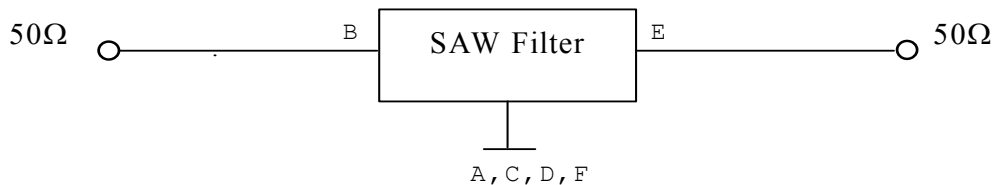
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

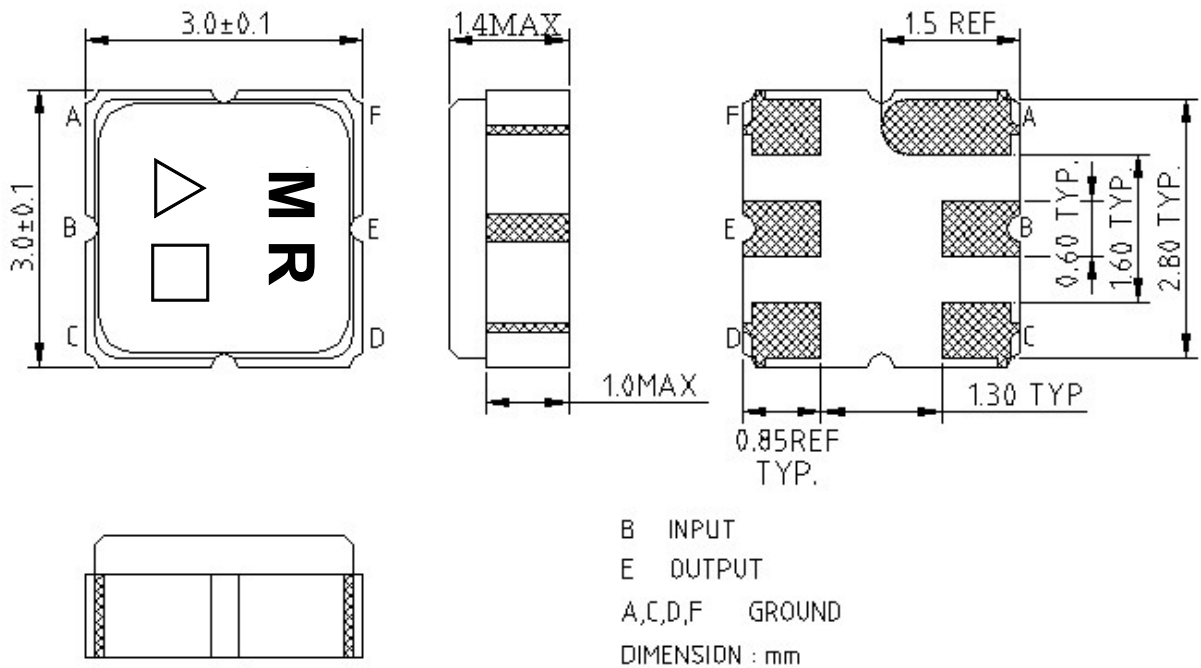
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	1590	-
Insertion Loss within 1565~1615MHz IL	dB	-	3.5	4.5
Amplitude ripple within 1565 ~ 1615 MHz	dB	-	1.0	3.0
Attenuation (Reference level from 0 dB)				
1475 ~ 1535 MHz	dB	40	45.3	-
1645 ~ 1660 MHz	dB	18	24.2	-
1660 ~ 1670 MHz	dB	26	36.4	-
1670 ~ 1705 MHz	dB	35	42.7	-
Source impedance Zs	Ω	-	50	-
Load impedance ZL	Ω	-	50	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer

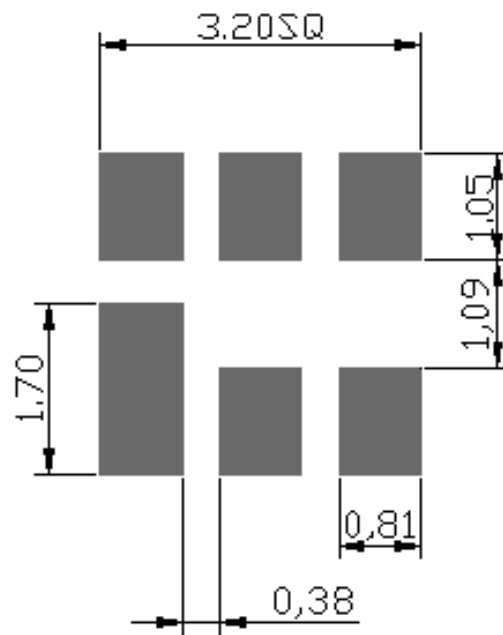


D.OUTLINE DRAWING:

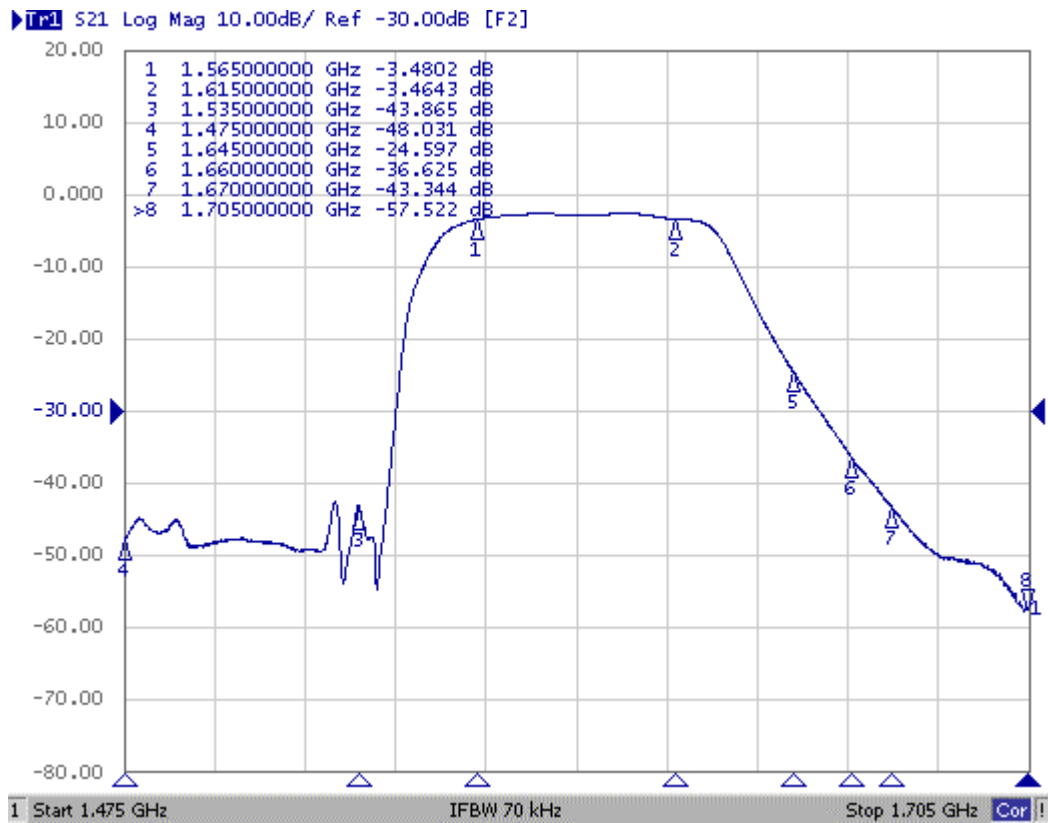


- \triangle : Year Code(2010→0,2011→1...2019→9)
- \square : Date Code(Follow the table from planner each year)

E. PCB Foo



F. Frequency Characteristics : (Simulations)



H. RECOMMENDED REFLOW PROFILE :

