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: tstsales@mail.taisaw.com Web: www.taisaw.com

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

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:

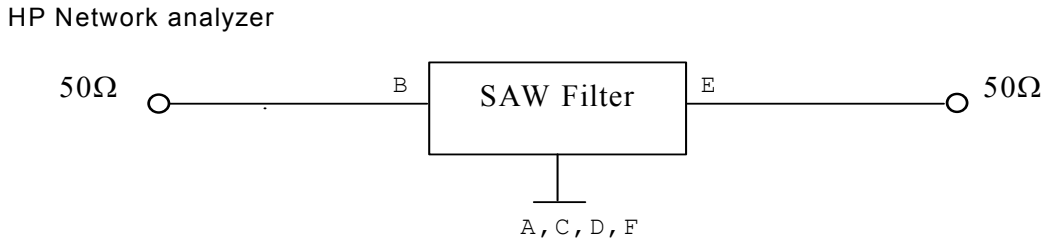
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +80°C
4. Storage Temperature: -30°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

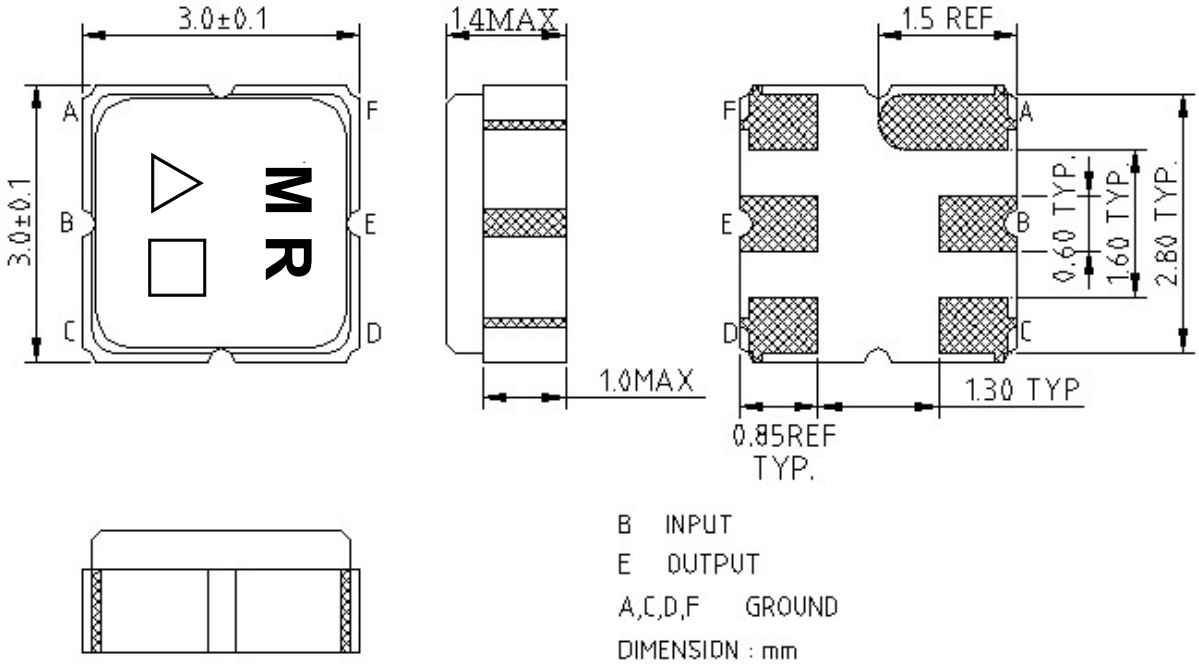
B. ELECTRICAL CHARACTERISTICS:

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	Z_L	Ω	-	50	-

C. MEASUREMENT CIRCUIT:



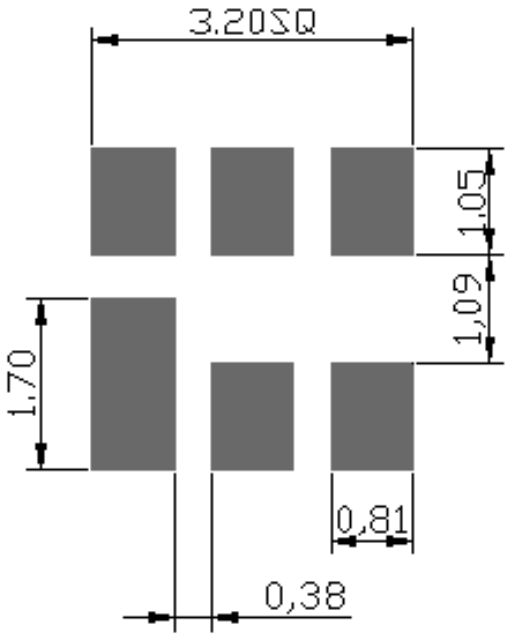
D.OUTLINE DRAWING:



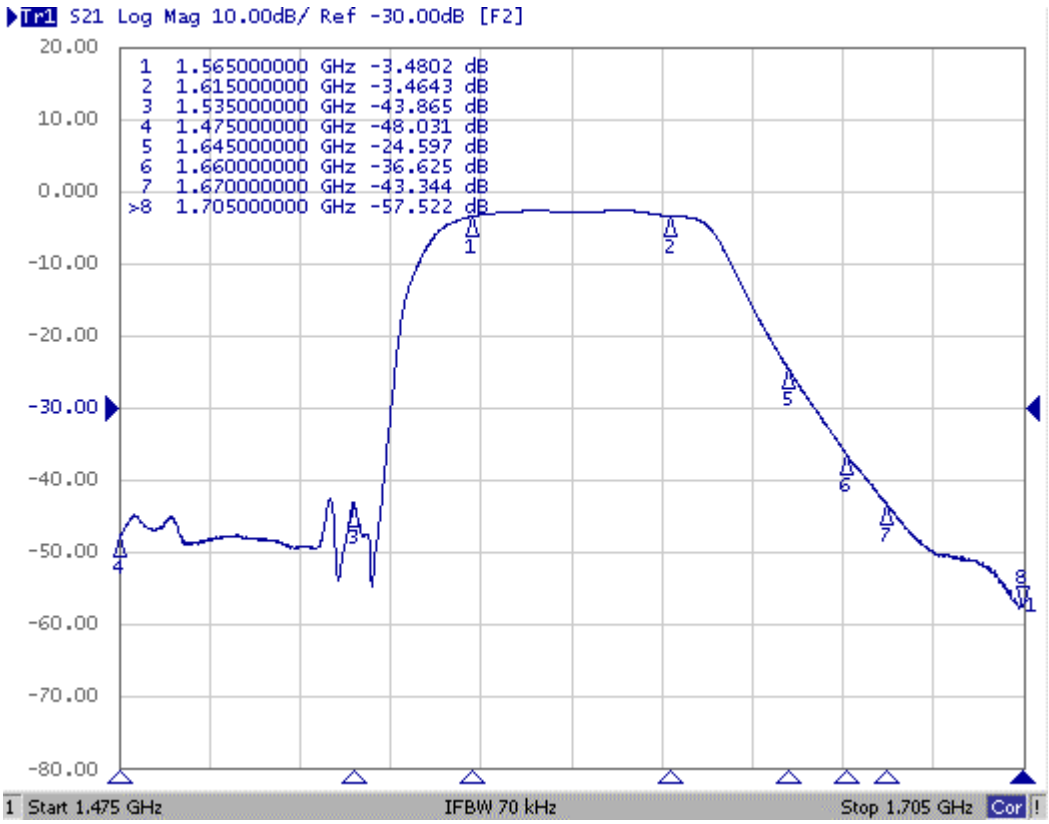
△ **: Year Code(2010➔0,2011➔1…2019➔9)**

□ **: Date Code(Follow the table from planner each year)**

E. PCB Foo

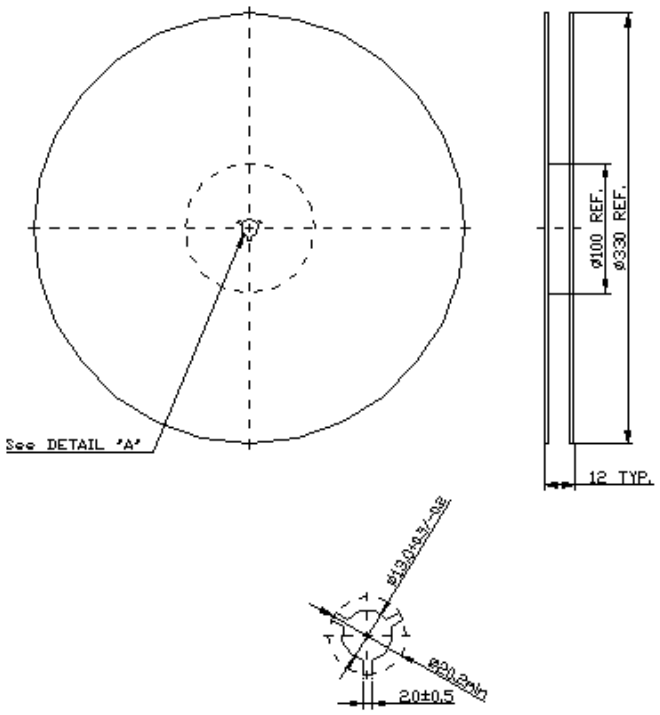


F. Frequency Characteristics : (Simulations)

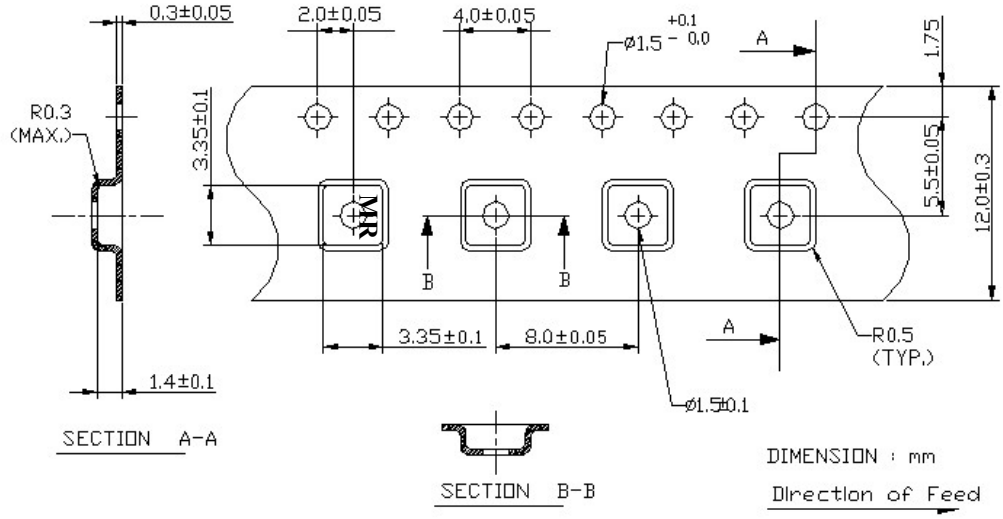


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :