



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 2350 MHz SMD 3.0X3.0 mm (BW=100MHz)

TST Part No.: TA0913W

Customer Part No.: _____

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

Checked by: _____ Anne Chen *Anne Chen*

Approved by: _____ Andy Yu *Andy Yu*

Date: _____ 2018/12/10

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 2350 MHz

MODEL NO.:TA0913W

REV. NO.:2

A. MAXIMUM RATING:

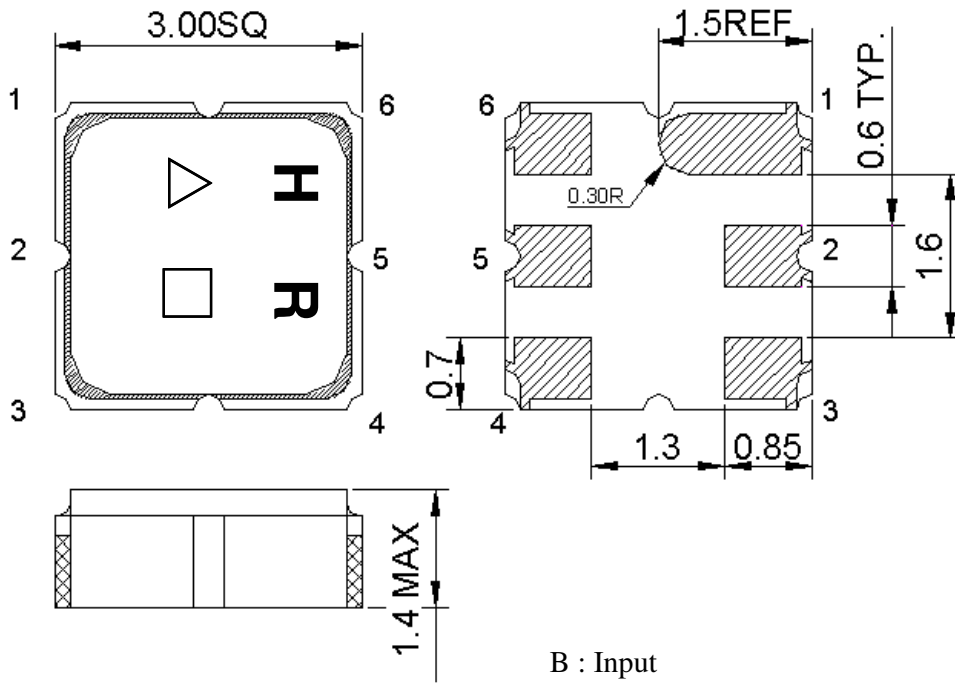
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -10°C to +70°C
4. Storage Temperature: -30°C to +85°C
5. Moisture Sensitivity Level: Level 1 (MSL 1)

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	2350	-	-
Insertion Loss (2300 ~ 2400 MHz) IL	dB	-	3	3.7	-
Amplitude Ripple (2300 ~ 2400 MHz)	dB	-	1.5	3	-
VSWR (2300 ~ 2400 MHz)		-	2.2	2.5	-
Attenuation (Reference level from 0 dB)					
DC ~ 2050 MHz	dB	23	28	-	-
2050 ~ 2170 MHz	dB	30	32	-	-
2170 ~ 2250 MHz	dB	24	40	-	-
2433 ~ 2438 MHz	dB	12	30	-	-
2438 ~ 2443 MHz	dB	21	40	-	-
2443 ~ 2485 MHz	dB	35	55	-	-
2485 ~ 2550 MHz	dB	18	38	-	-
2550 ~ 4000 MHz	dB	27	31	-	-

C.OUTLINE DRAWING:



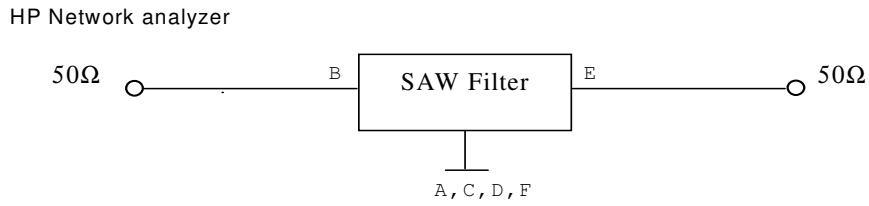
B : Input
 E : Output
 A,C,D,F : Ground
 Unit : mm

△ : Year Code (2016->6, ..., 2019->9)
 □ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

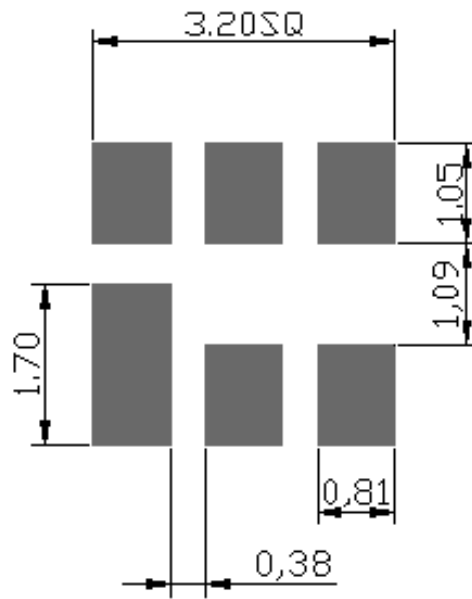
Date Code Table:

WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
A	B	C	D	E	F	G	H	I	J	K	L	M
WK14	WK15	WK16	WK17	WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
WK27	WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37	WK38	WK39
a	b	c	d	e	f	g	h	i	j	k	l	m
WK40	WK41	WK42	WK43	WK44	WK45	WK46	WK47	WK48	WK49	WK50	WK51	WK52
n	o	p	q	r	s	t	u	v	w	x	y	z

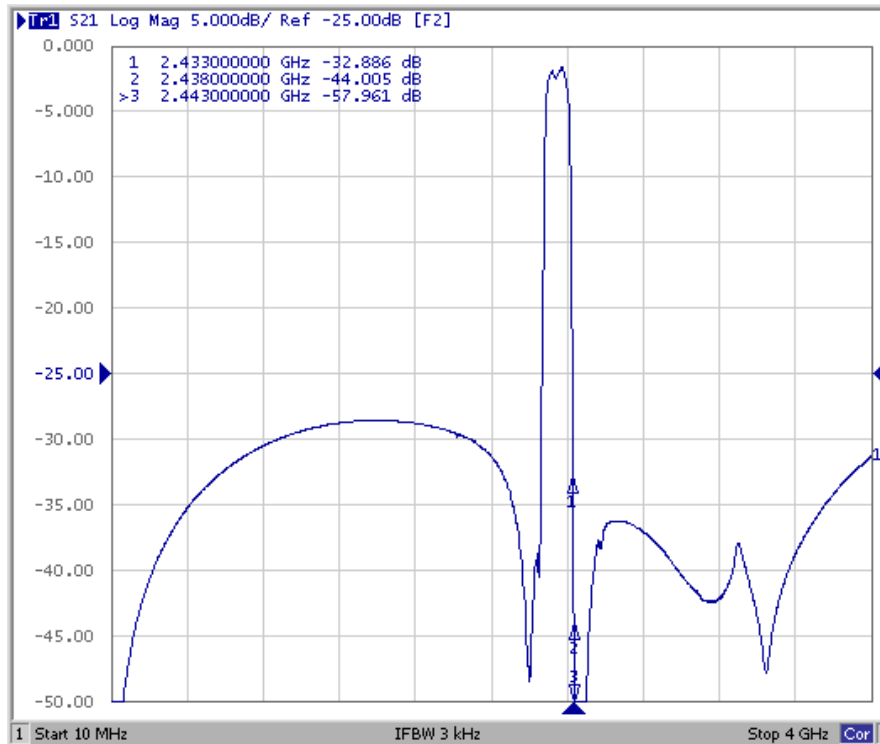
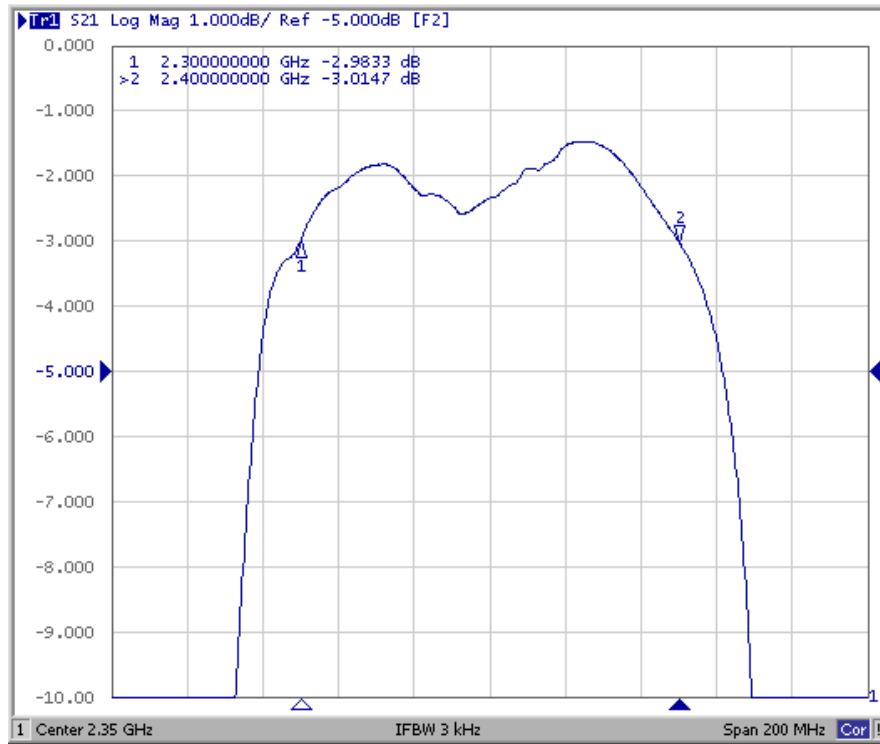
D. MEASUREMENT CIRCUIT:



E. PCB FOOTPRINT:

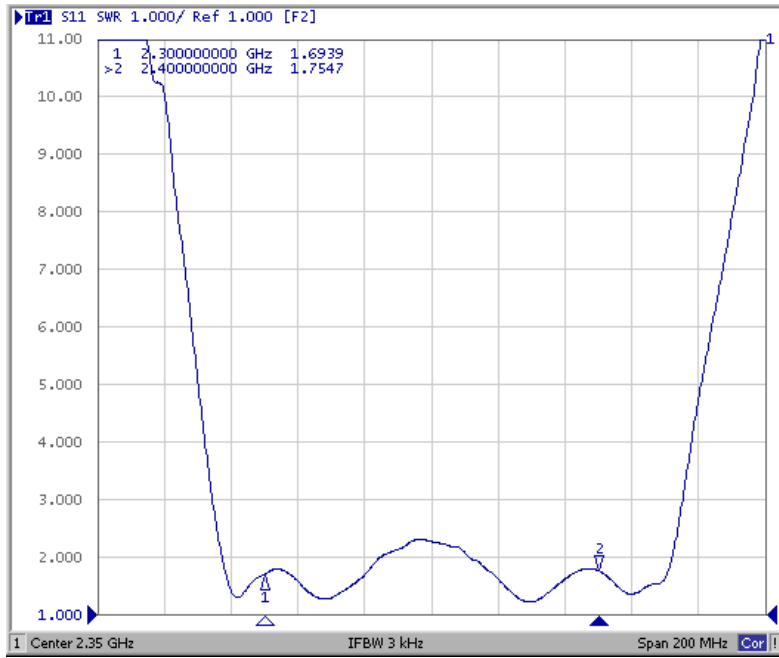


F. FREQUENCY CHARACTERISTICS:

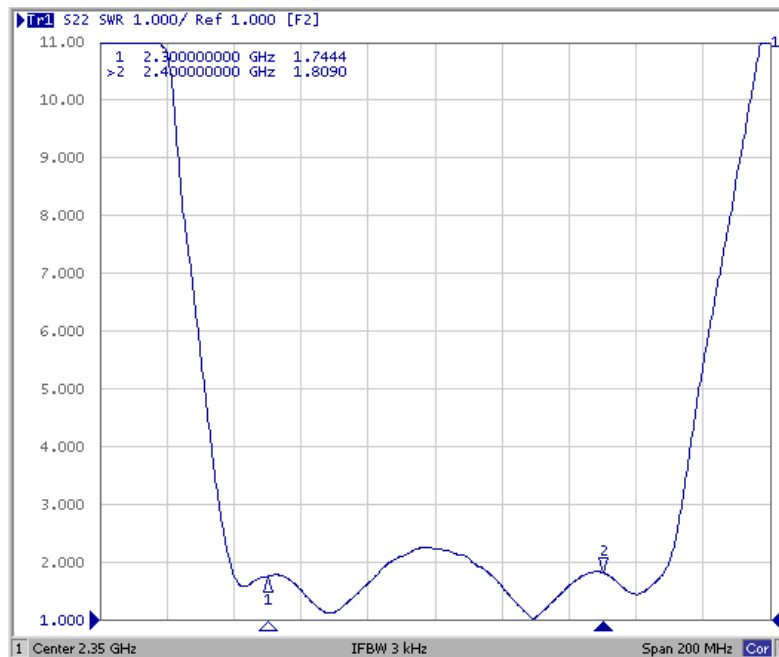


Reflection Functions:

S11



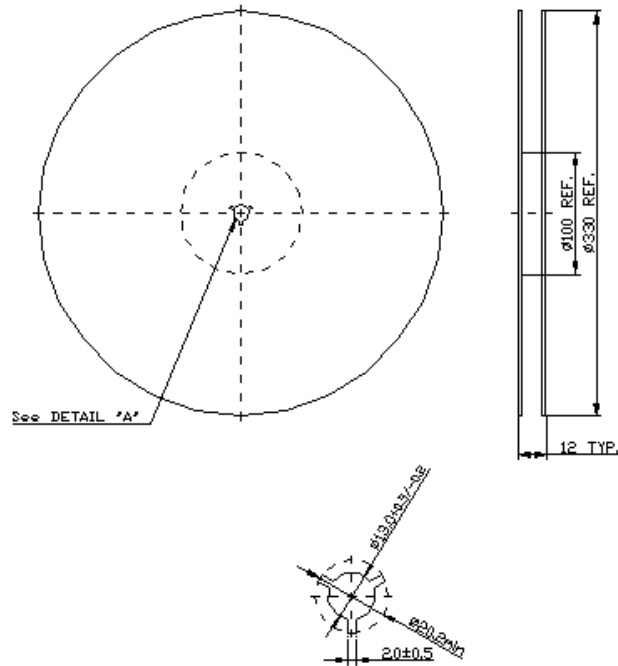
S22



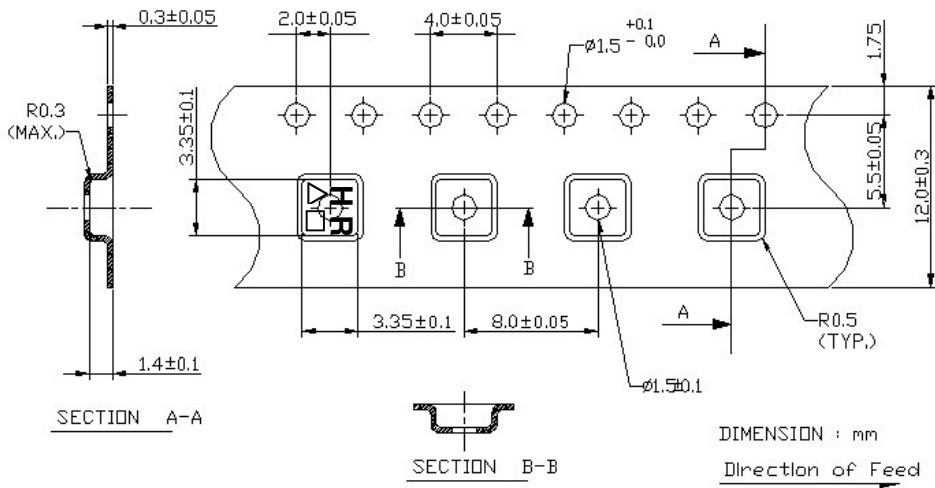
G. PACKING:

1. REEL DIMENSION (Reel Count : 7"=1000 ; 13"=3000)

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

