

TAI-SAW TECHNOLOGY CO., LTD. No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,

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 1230 MF	lz SMD 3.0x3.0 mm	(BW=120 MHz)
TST Part No.: TA18	07A		
Customer Part No.:			
Customer signature	required		
Company:			
Division:			
Approved by :			
Date:			
Checked by:	David Chang	Dark	_
Approved by:	_	phylm	_
Date:	2014/11/01		_

- 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 1230 MHz

MODEL NO.: TA1807A REV. NO.:1

A. MAXIMUM RATING:

1.Input Power Level: 10 dB_m

2.DC voltage: 3 V

3. Operating Temperature: -40°C to +85°C

4.Storage Temperature: -40°C to +85°C

RoHS Compliant Lead free Lead-free soldering

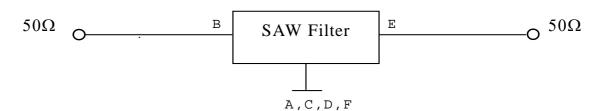
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

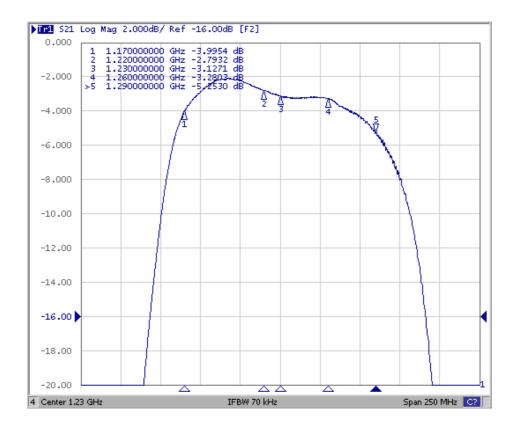
Item	Unit	Min.	Тур.	Max.				
Center frequency	Fc	MHz	-	1230	-			
Minimum Insertion Loss (1220~1260 MHz)	IL_{min}	dB	ı	2.8	3.8			
Insertion loss (1170~1290 MHz)	IL	dB	-	5.3	6.4			
Pass Band Ripple (1170~1290 MHz)		dB	-	3.2	4.4			
Attenuation (Reference level from 0dB)								
100 ~ 1000 MHz		dB	22	27	-			
1360 ~ 2500 MHz		dB	22	29	-			
Temperature Coefficient of Frequency	Ppm/°C	-	-80	-				

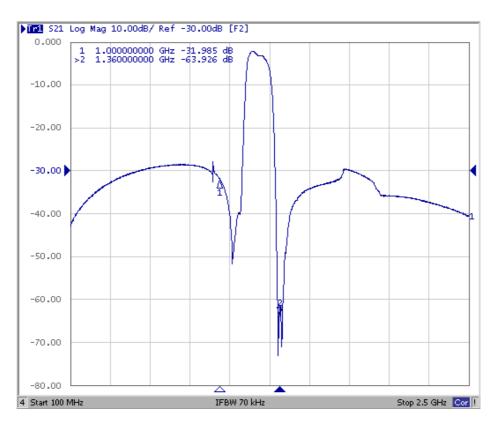
C. MEASUREMENT CIRCUIT:

HP Network analyzer

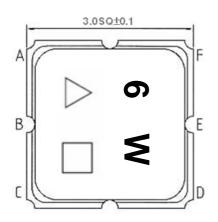


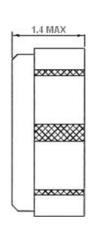
D. Frequency Characteristics:

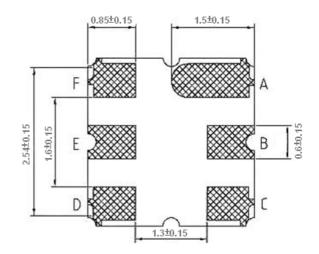




E. OUTLINE DRAWING:







B: Input E: Output

A, C, D, F: Ground

Unit: mm

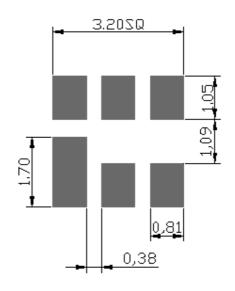
△: Year Code (2011->1, 2012->2, ..., 2019->9, 2020->0)

☐: Date Code

Date Code Table:

WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
Α	В	С	D	E	F	G	Н		J	K	L	М
WK14	WK15	WK16	WK17	WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26
N	0	Р	Q	R	S	T	U	V	W	Х	Υ	Z
WK27	WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37	WK38	WK39
а	b	С	d	е	f	g	h	j	j	k	1	m
WK40	WK41	WK42	WK43	WK44	WK45	WK46	WK47	WK48	WK49	WK50	WK51	WK52
n	0	р	q	r	S	t	u	٧	W	Х	ý	Z

F. PCB Footprint:

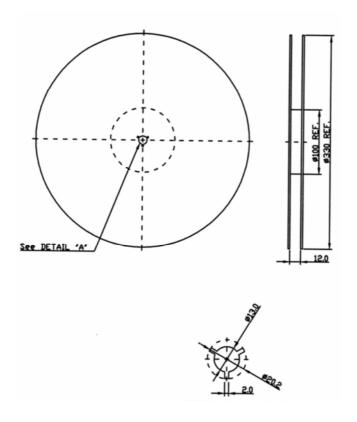


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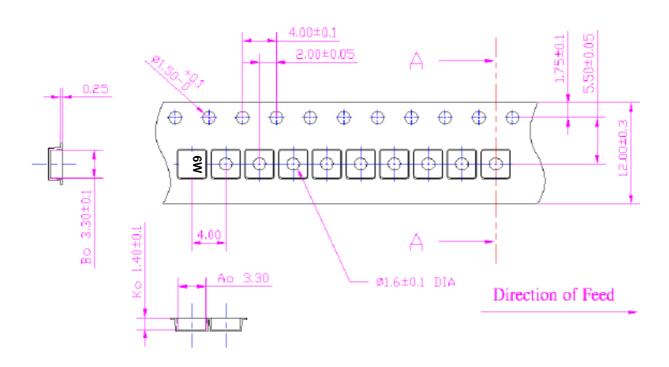
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

