

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

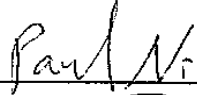
Product Specifications Approval Sheet

Product Description: SAW Filter 916.45MHz SMD3.0X3.0mm

TST Part No.: TA0673A

Customer Part No.: _____

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

Checked by: Paul Ni 

Approved by: Francis Chen 

Date: 2011/05/20

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.



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

SAW Filter 916.45 MHz

MODEL NO.:TA0673A

REV. NO : 2.0

A. MAXIMUM RATING:

- 1.Input Power Level: +20 dBm
- 2.DC voltage: 5 V
- 3.Operating Temperature: -30°C to +70°C
- 4.Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

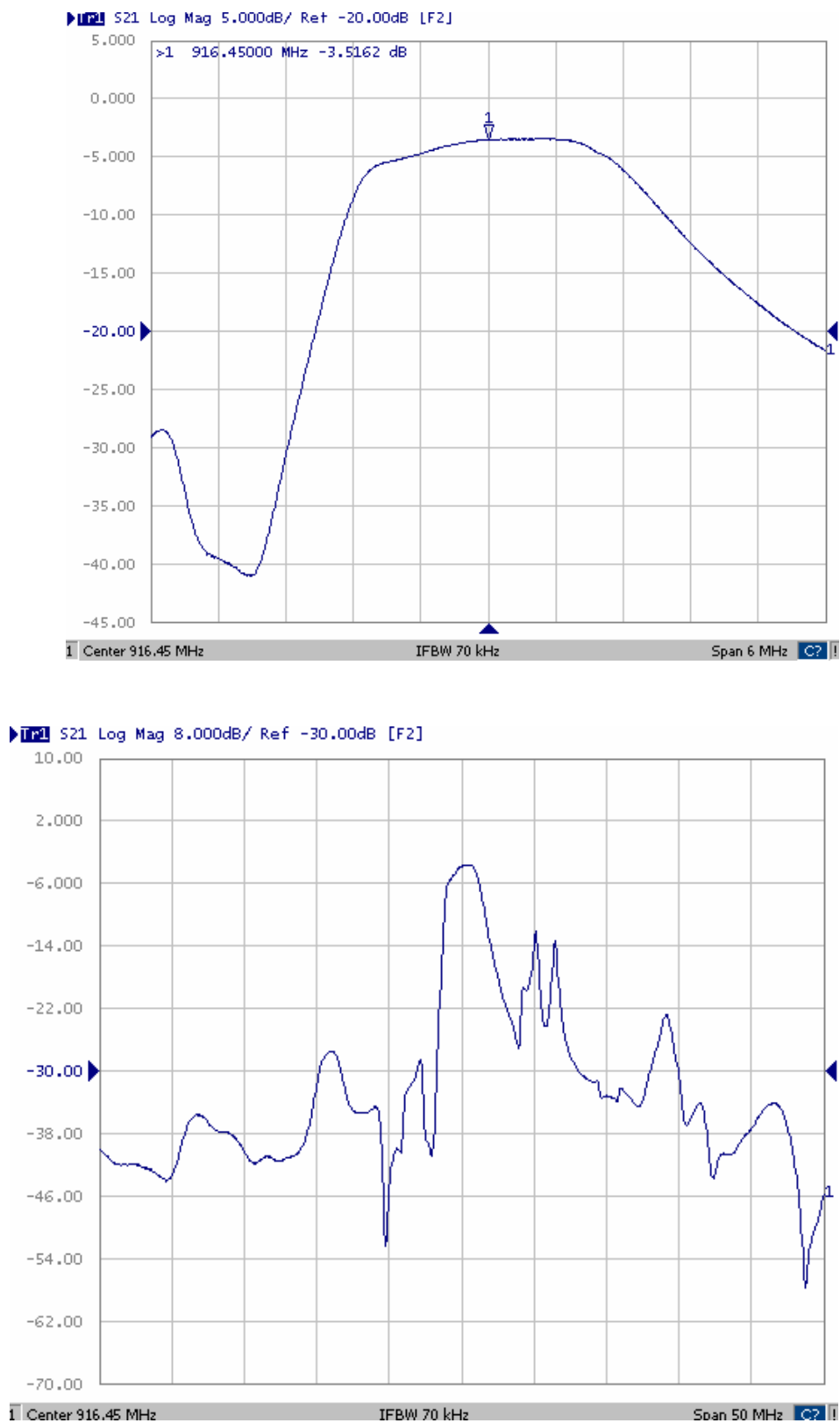
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

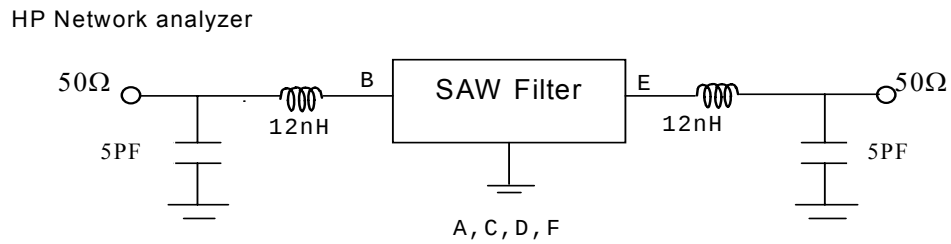
Item	Min.	Typ.	Max.	Note
Center frequency F_c (MHz)	-	916.45	-	1
Insertion Loss IL (dB)	-	4.0	5.0	
Pass band (relative to IL)				
916.05~916.8 MHz (dB)	-	0.5	3.0	1
916.00~916.86 MHz (dB)	-	1.0	6.0	
Pass bandwidth (relative to IL) BW_3 (KHz)	1500	2000	-	
Attenuation:(relative to IL) (dB)				
500~872 MHz (dB)	35	40	-	1
872~894 MHz (dB)	30	35	-	
894~912.7 MHz (dB)	18	23	-	
919.6~924 MHz (dB)	6	9	-	
924~940 MHz (dB)	15	18	-	
940~1000 MHz (dB)	30	35	-	
Impedance at F_c ; Input $Z_{IN}=R_{IN}/C_{IN}$	144Ω // 3.4 pF			
Output $Z_{OUT}=R_{OUT}/C_{OUT}$	144Ω // 3.4 pF			

Note1. The standard definitions is in JIS C 6703

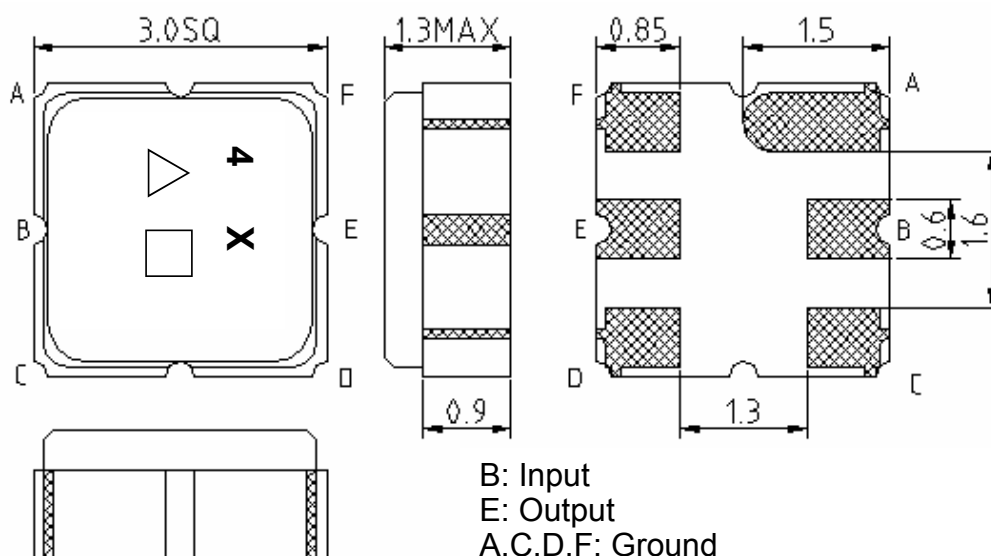
C.FREQUENCY CHARACTERISTICS:



D. MEASUREMENT CIRCUIT:

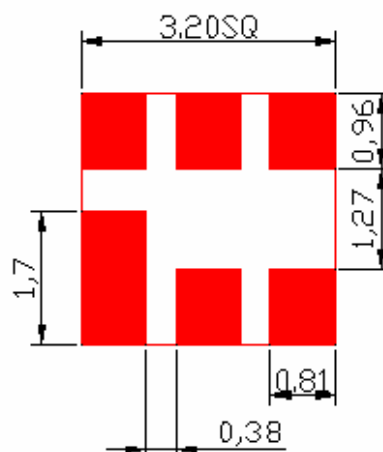


E. OUTLINE DRAWING:



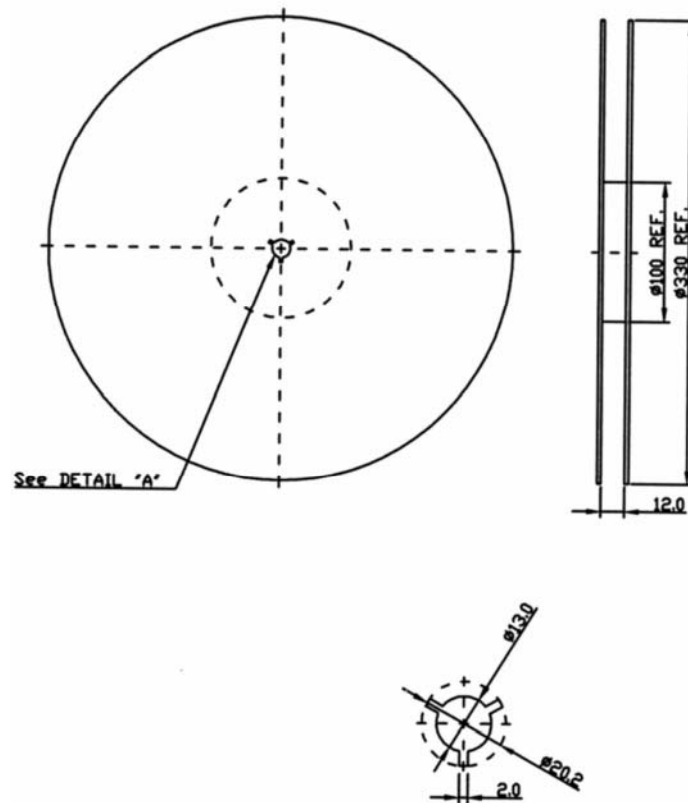
B: Input
 E: Output
 A,C,D,F: Ground
 △: Year code(7 for 2007,8 for 2008,...)
 □: Date code code (Provided by planer each year)
 Unit: mm

F. PCB FOOTPRINT

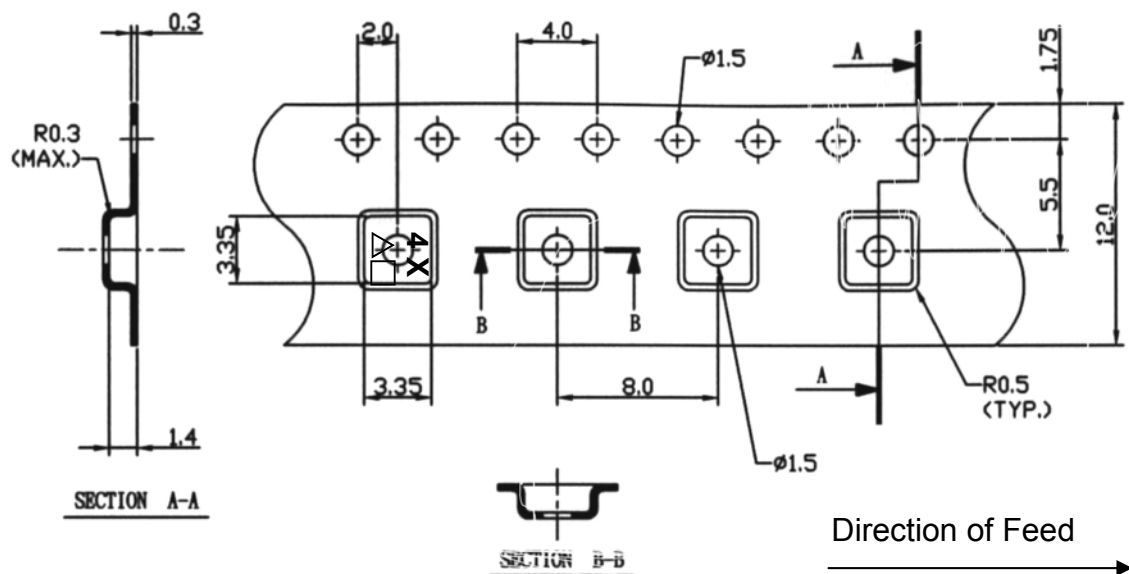


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

