



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

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

TST Parts No.: TA0673A

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: Asin Lin

Approval by: Francis Chen

Date: 2007/3/23



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SAW Filter 916.45 MHz

MODEL NO.: TA0673A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 0 dBm
2. DC voltage: 5 V
3. Operating Temperature: -30°C to +70°C
4. Storage Temperature: -40°C to +85°C

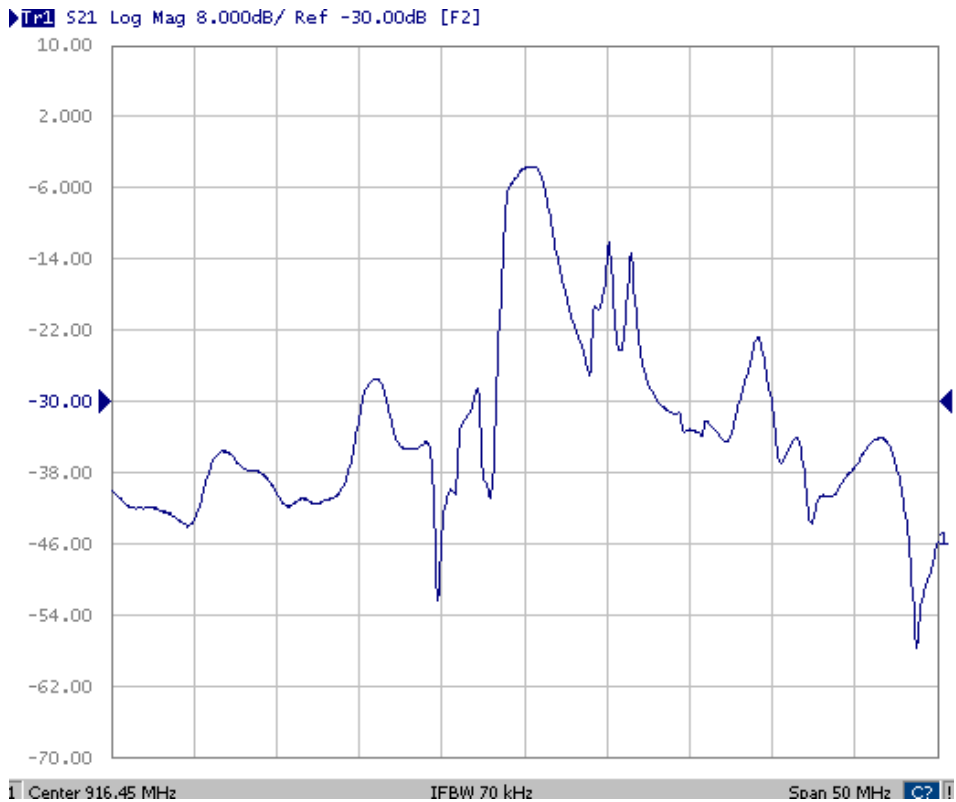
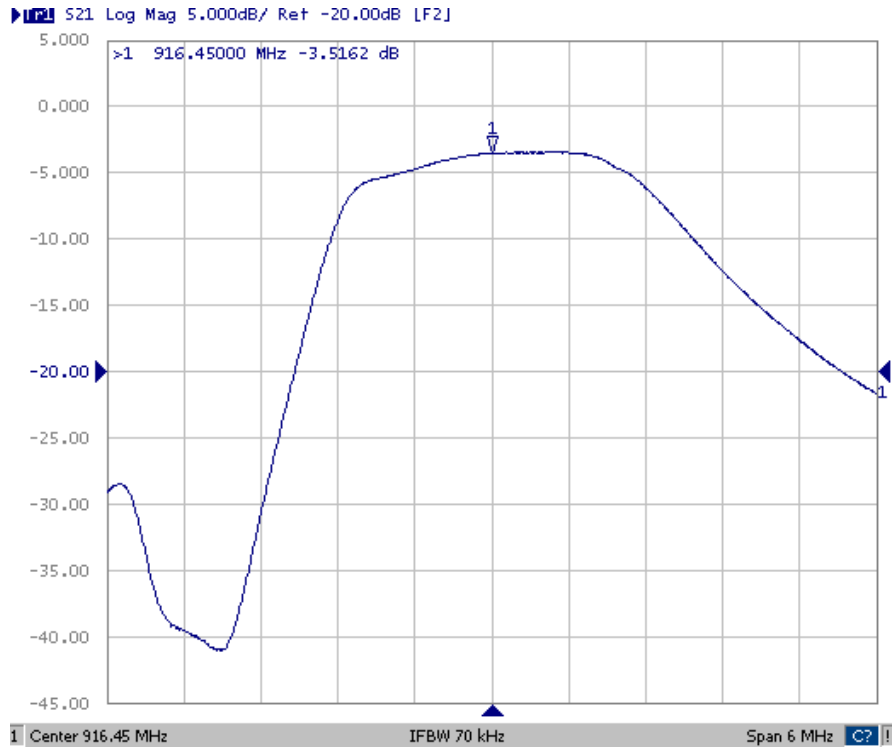
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

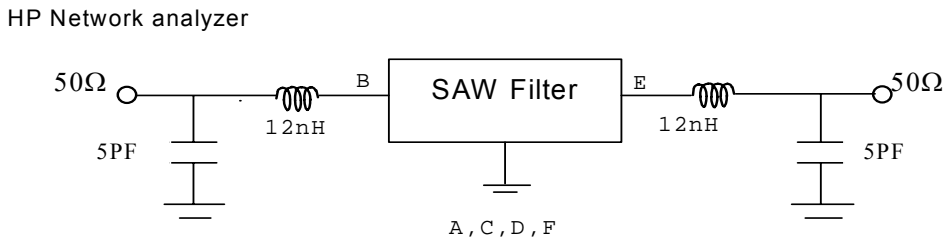
Item	Min.	Typ.	Max.	Note
Center frequency F_c (MHz)	-	916.45	-	1
Insertion Loss IL (dB)	-	4.0	5.0	
Pass band (relative to IL)				
916.05~916.8 MHz (dB)	-	0.5	3.0	1
916.00~916.86 MHz (dB)	-	1.0	6.0	
Pass bandwidth (relative to IL) BW_3 (KHz)	1500	2000	-	
Attenuation:(relative to IL) (dB)				
500~872 MHz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

Note1. The standard definitions is in JIS C 6703

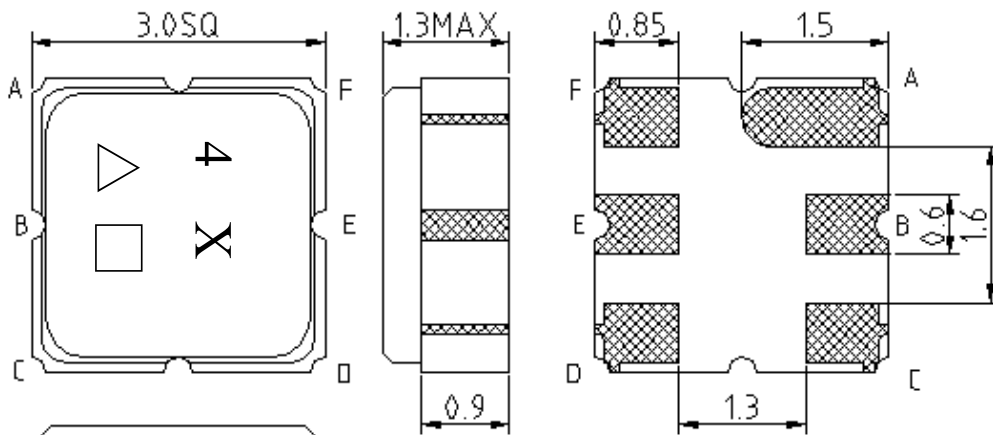
C.FREQUENCY CHARACTERISTICS:



D. MEASUREMENT CIRCUIT:

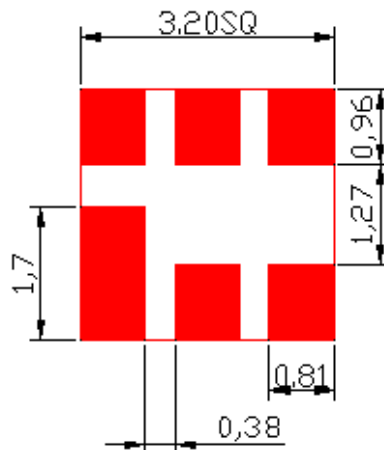


E. OUTLINE DRAWING:



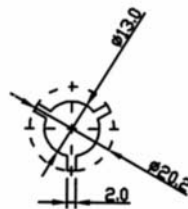
B: Input
 E: Output
 A,C,D,F: Ground
 △: Year code(7 for 2007,8 for 2008,...)
 □: Date code code (Provided by planer each year)
 Unit: mm

F. PCB FOOTPRINT

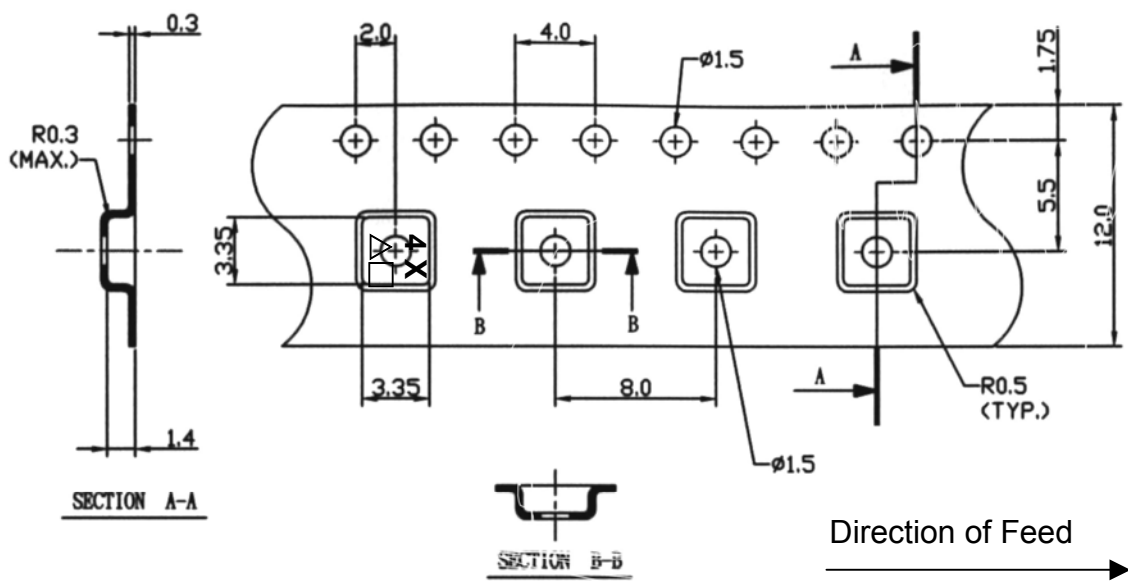


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

