



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

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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 869 MHz SMD 3.8×3.8mm

TST Parts No.: TA0704A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ 2007/06/05



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SAW Filter 869 MHz

MODEL NO.: TA0704A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 0 dB_m
2. DC voltage: 10 V
3. Operating Temperature: -10°C to 60°C
4. Storage Temperature: -30°C to +85°C

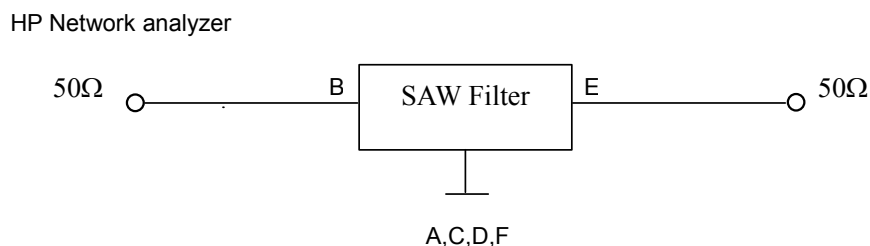
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

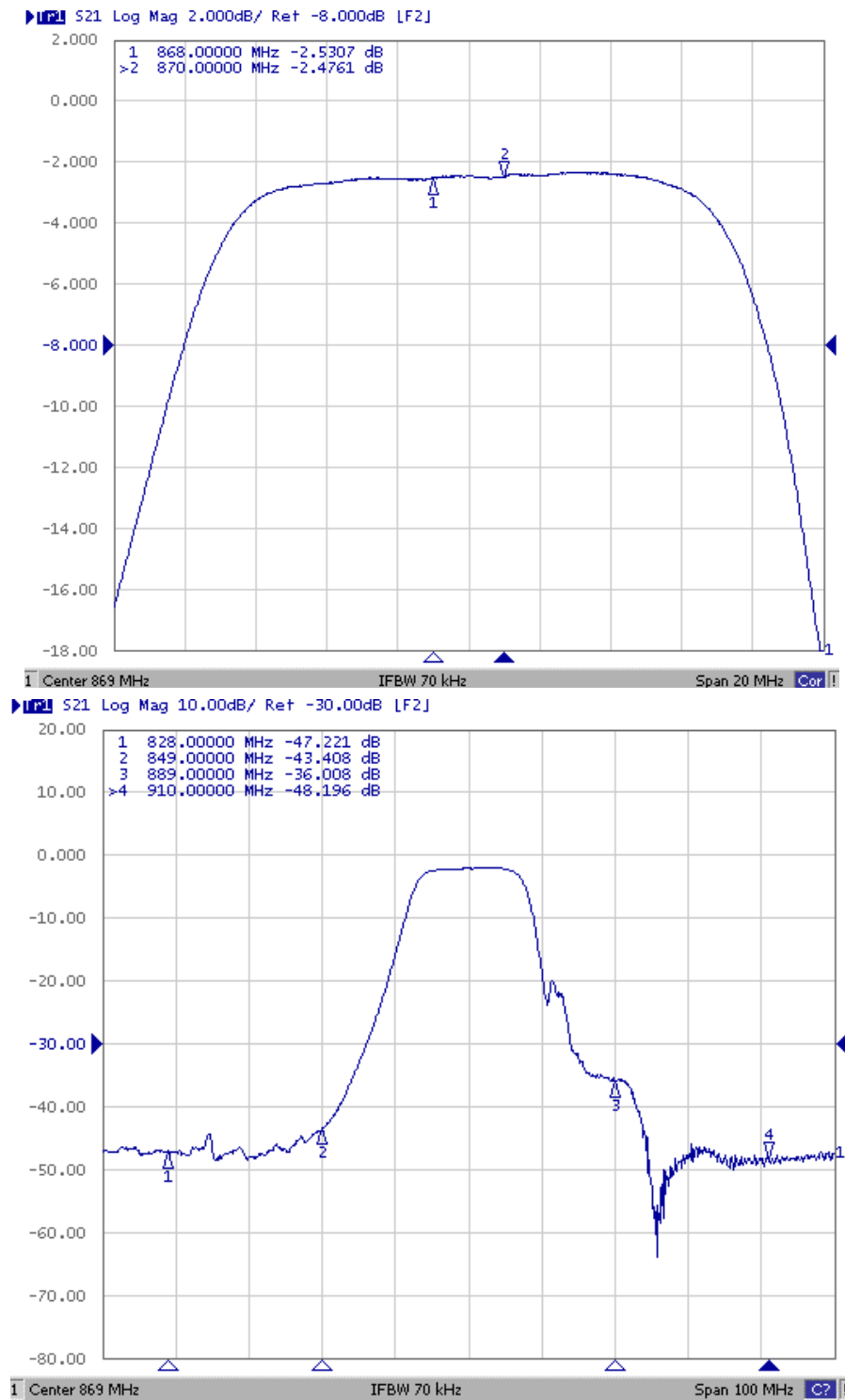
Item		Specification			
	Unit	Min.	Typ.	Max.	
Center Frequency Fc	MHz	-	869	-	
Insertion Loss IL Fc±1MHz	dB	-	2.6	4.5	
Ripple Fc±1MHz			0.4	1.5	
Absolute Attenuation(reference to 0 dB)					
825 ~ 828	MHz dB	40	47	-	
846 ~ 849	MHz dB	35	40	-	
889 ~ 892	MHz dB	30	36		
910 ~ 913	MHz dB	40	48		
Source impedance Zs	Ω	-	50	-	
Load impedance ZL	Ω	-	50	-	

Note1. No matching network required for operation at 50Ω

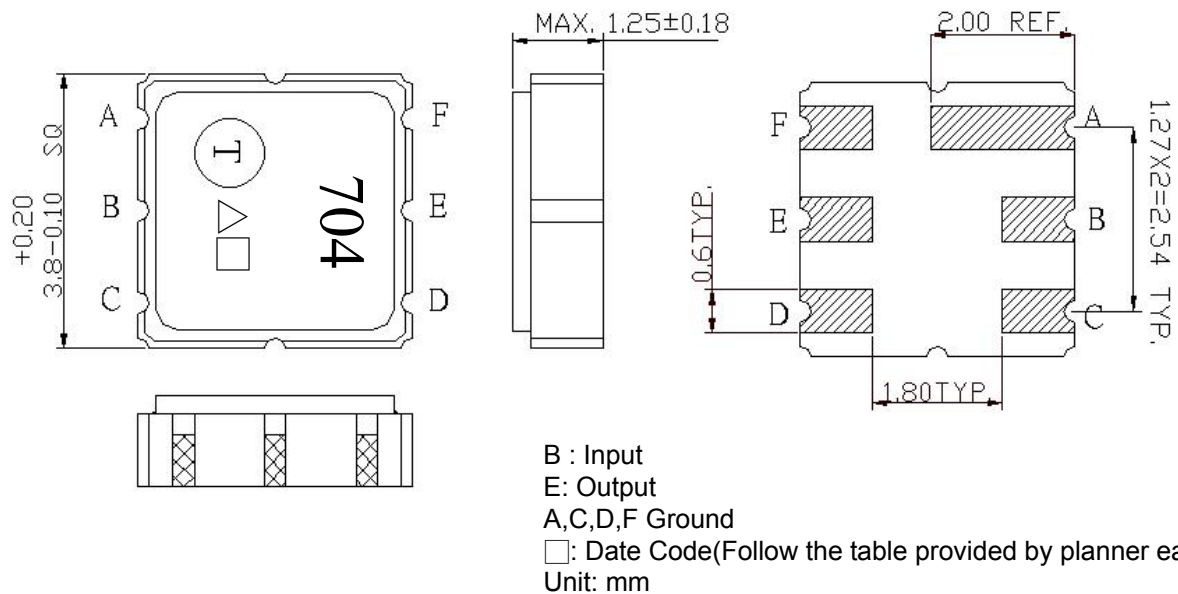
C. MEASUREMENT CIRCUIT:



D. TRANSFER FUNCTION :



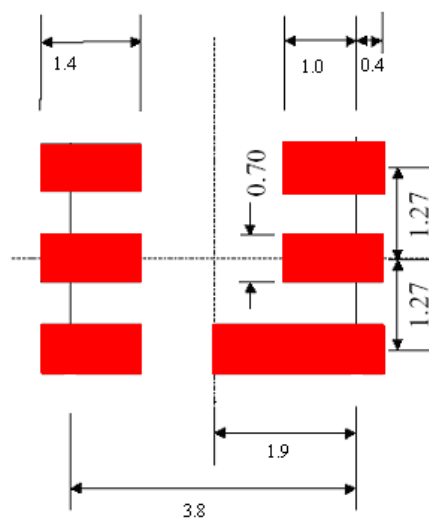
E.OUTLINE DRAWING:



△ Product Year Code

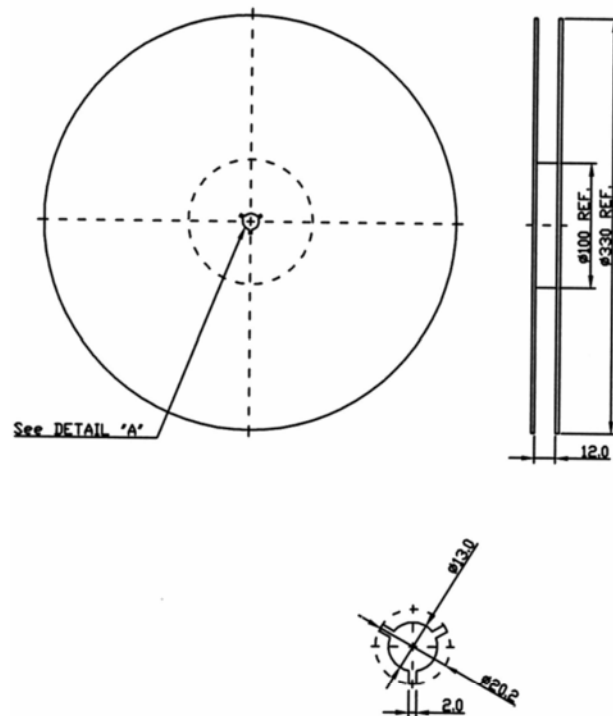
Year	2005	2006
	2007	2008
	2009	2010
	.	.
Product Code	A	a

F.PCB FOOTPRINT:

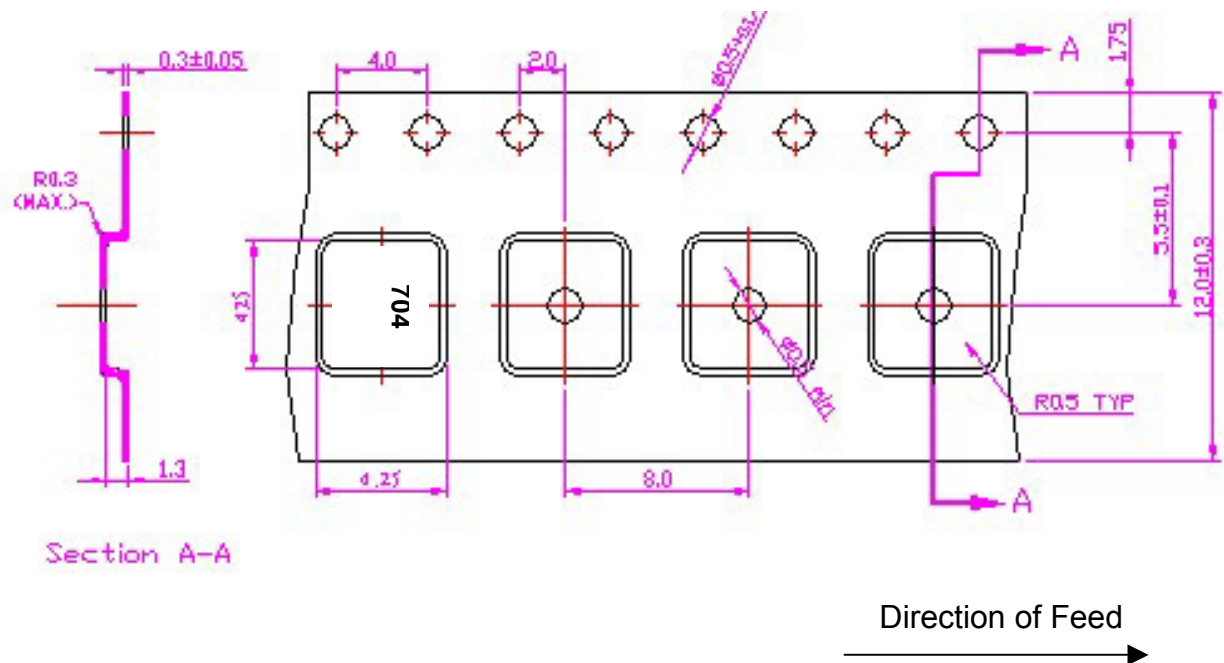


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. REFLOW PROFILE

