



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

Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 311.06MHz SMD 3.8×3.8mm

TST Parts No.: TA0615A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ 2007/01/05



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SAW Filter 311.06 MHz

MODEL NO.: TA0615A

REV. NO.:2

A. MAXIMUM RATING:

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

RoHS Compliant
Lead free
Lead-free soldering

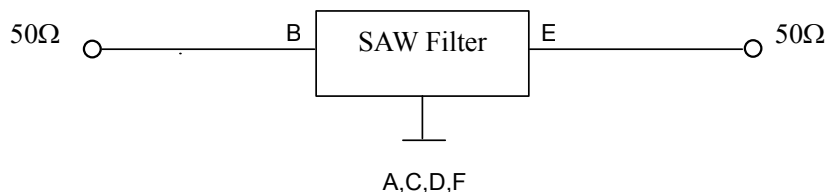
B. CHARACTERISTICS:

Item		Specification			
	Unit	Min.	Typ.	Max.	
Center Frequency Fc	MHz	-	311.06	-	
Insertion Loss IL _{min}	dB	-	1.7	3.0	
Bandwidth BW _{-3dB}	MHz	2	6	-	
Ripple Fc±1MHz		-	1	1.5	
VSWR Fc±1MHz		-	1.5	-	
Absolute Attenuation(reference to 0 dB)					
Fc-11.7 ~ Fc-9.7	MHz	40	45	-	
Fc-22.4 ~ Fc-20.4	MHz	50	55	-	
Source impedance Z _s	Ω	-	50	-	
Load impedance Z _L	Ω	-	50	-	
Temperature coefficient	ppm/k		-37		

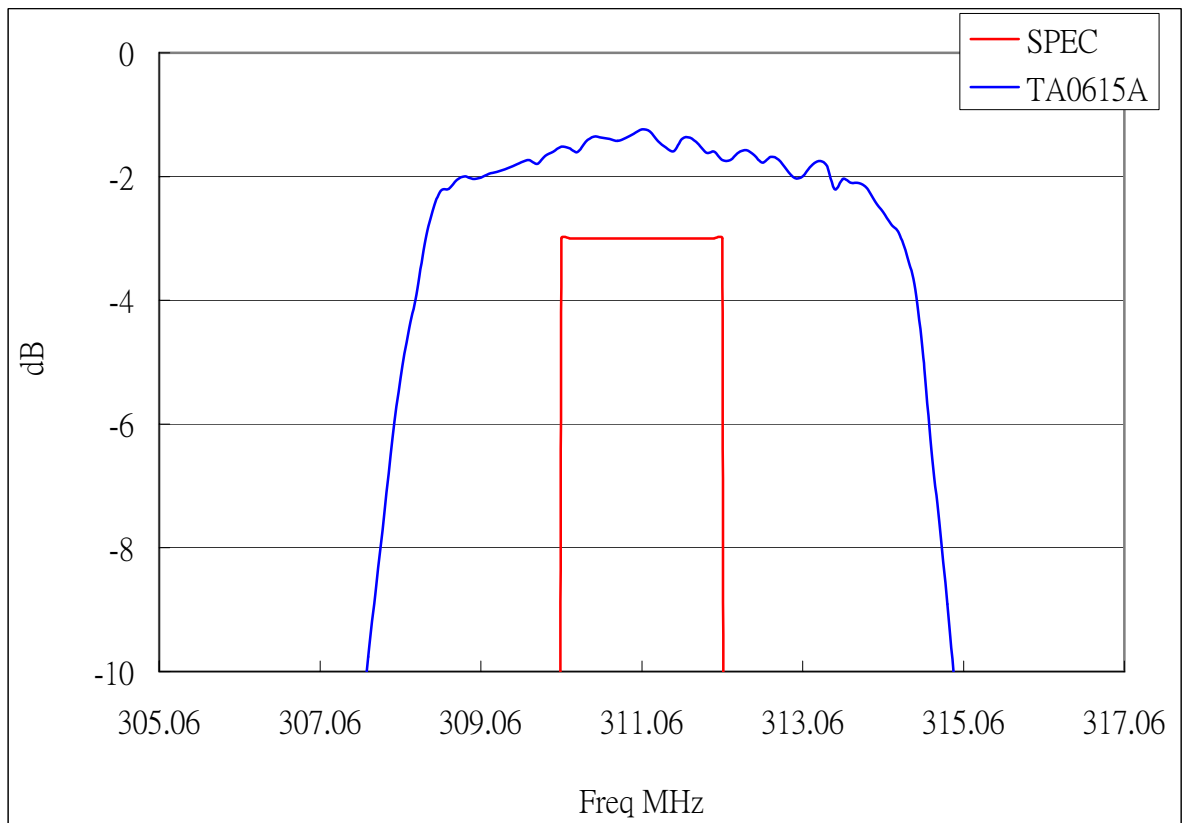
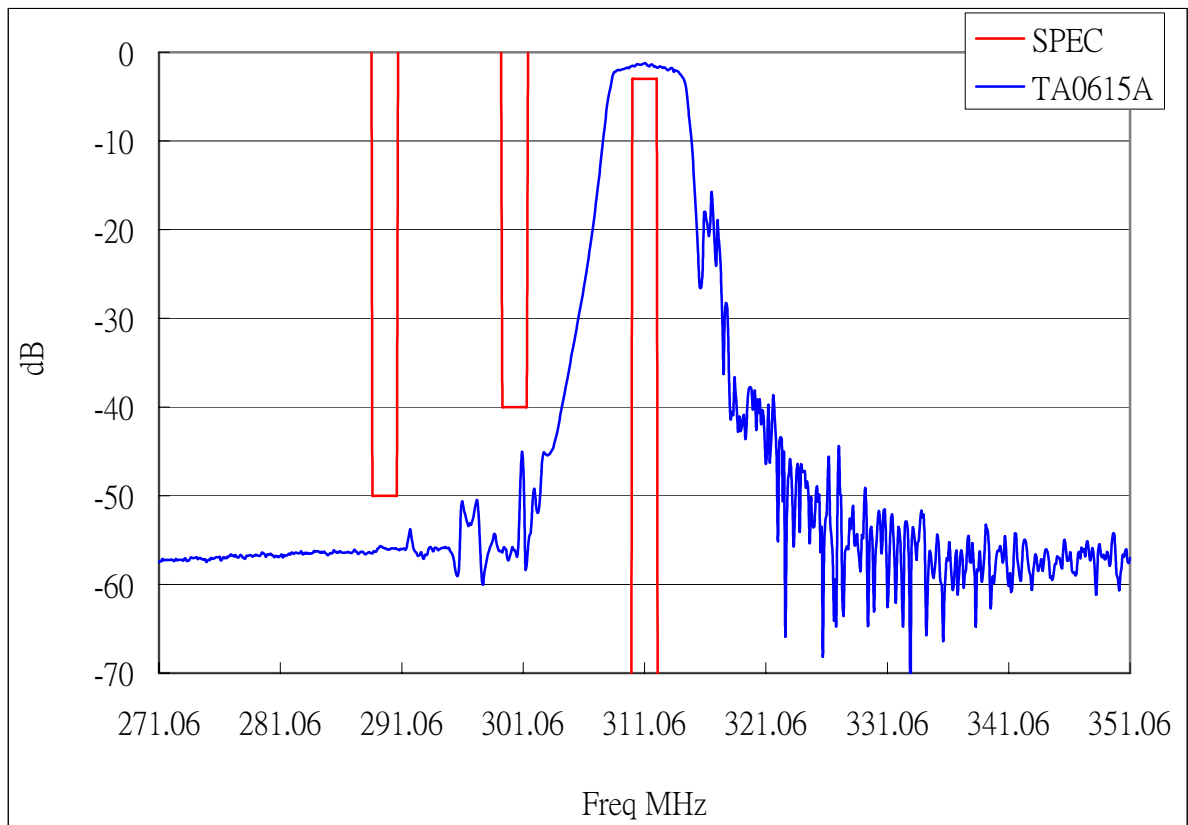
Note1. No matching network required for operation at 50Ω

C. MEASUREMENT CIRCUIT:

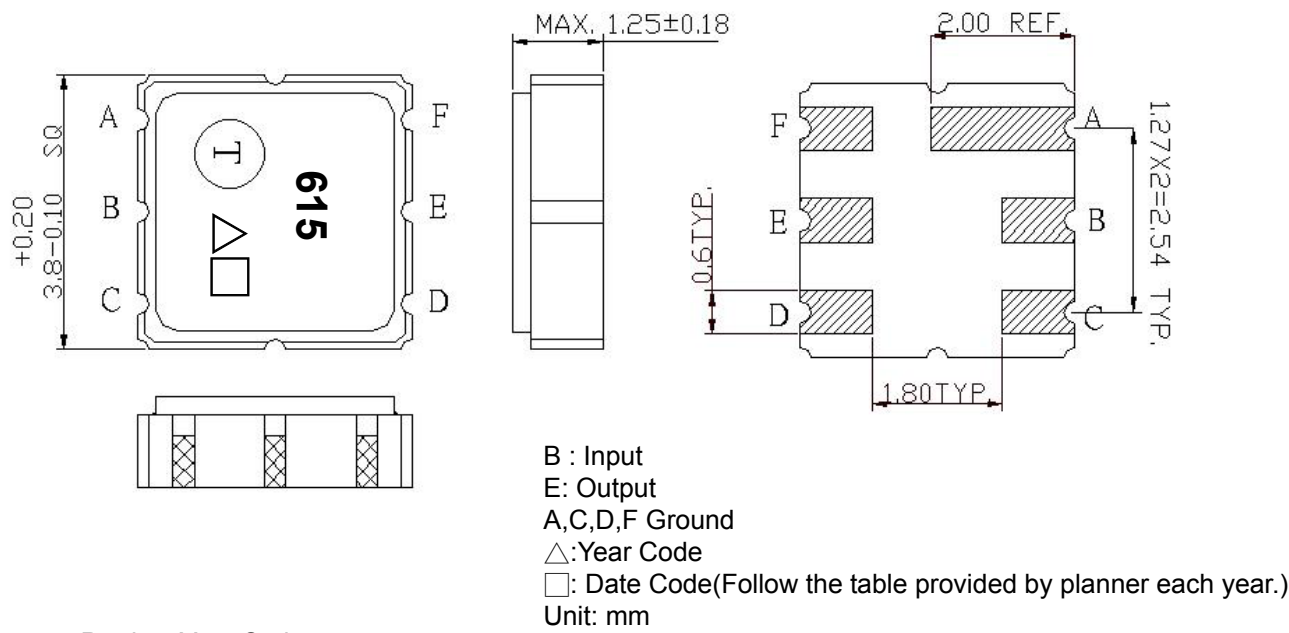
HP Network analyzer



D. TRANSFER FUNCTION :



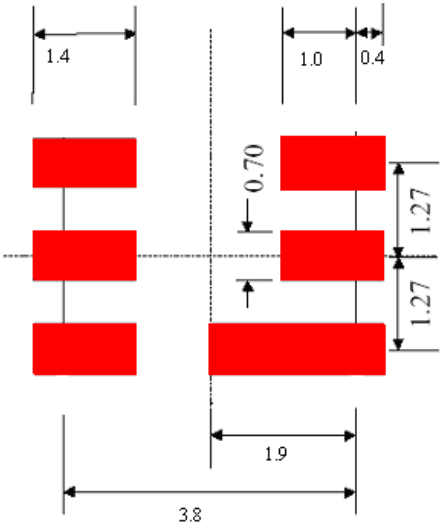
E.OUTLINE DRAWING:



△ Product Year Code

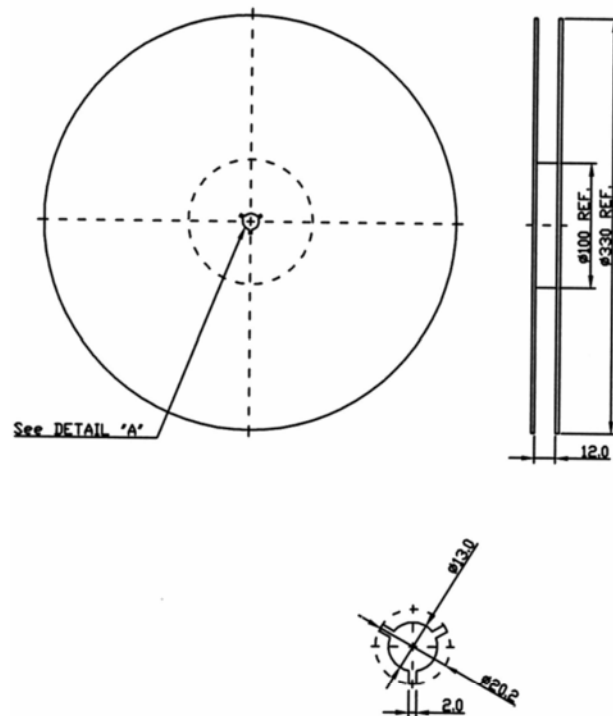
Year	2005	2006
	2007	2008
	2009	2010
	.	.
Product Code	A	a

F.PCB FOOTPRINT:

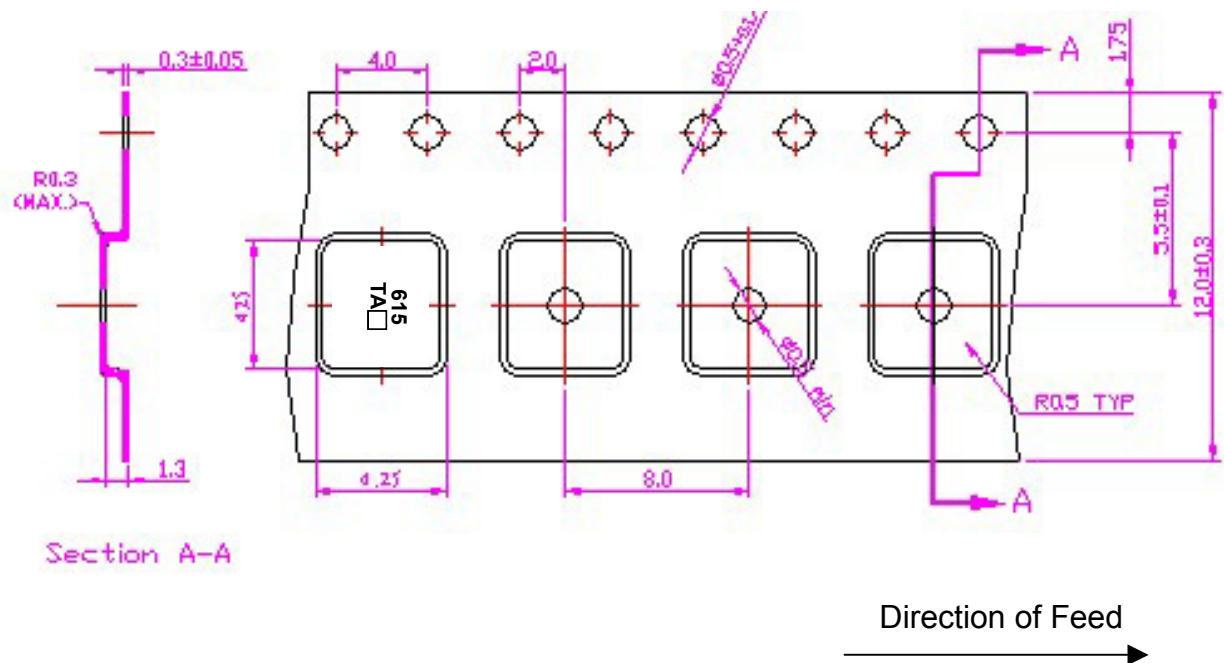


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. REFLOW PROFILE

