



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 164.175 MHz F-11

TST Parts No.:TB0547A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Asin Lin

Approval by:_____ Francis Chen

Date:_____ 09, 24, 2007



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SAW Filter 164.175 MHz

MODEL NO.: TB0547A

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 15 dBm
2. DC Voltage : 5V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +95°C

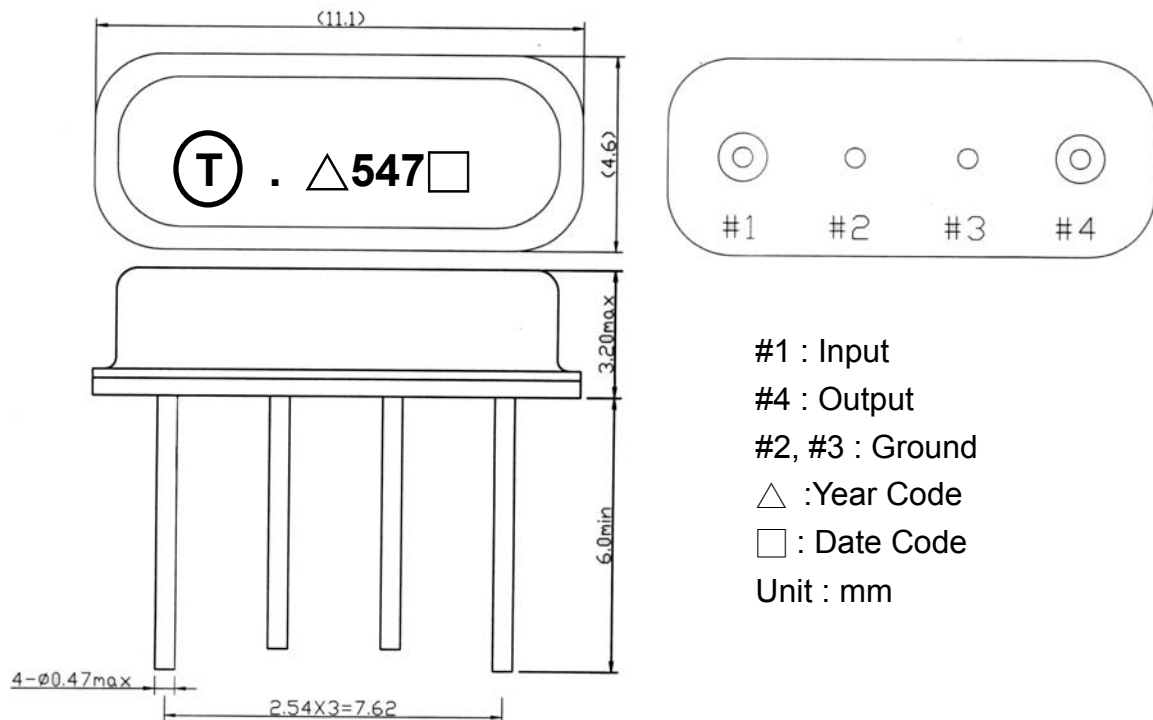
RoHS Compliant

Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center frequency Fc	MHz	-	164.175	-	-
Insertion loss at center frequency ILc	dB	-	3.5	7.0	-
Ripple (164.17125 ~ 164.17875 MHz)	dB	-	±0.3	±1	-
Attenuation (relative to ILc)					
163.175 ~ 163.2775 MHz	dB	30	47	-	-
163.2775 ~ 164.075 MHz	dB	7	19	-	-
164.275 ~ 165.0725 MHz	dB	7	19	-	-
165.0725 ~ 165.175 MHz	dB	30	47	-	-
Temperature coefficient of frequency TCf		-0.034 ppm/C ²			

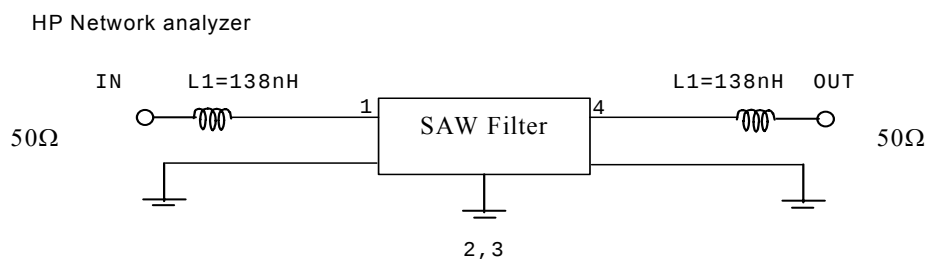
C.OUTLINE DRAWING:



△ Product Year Code

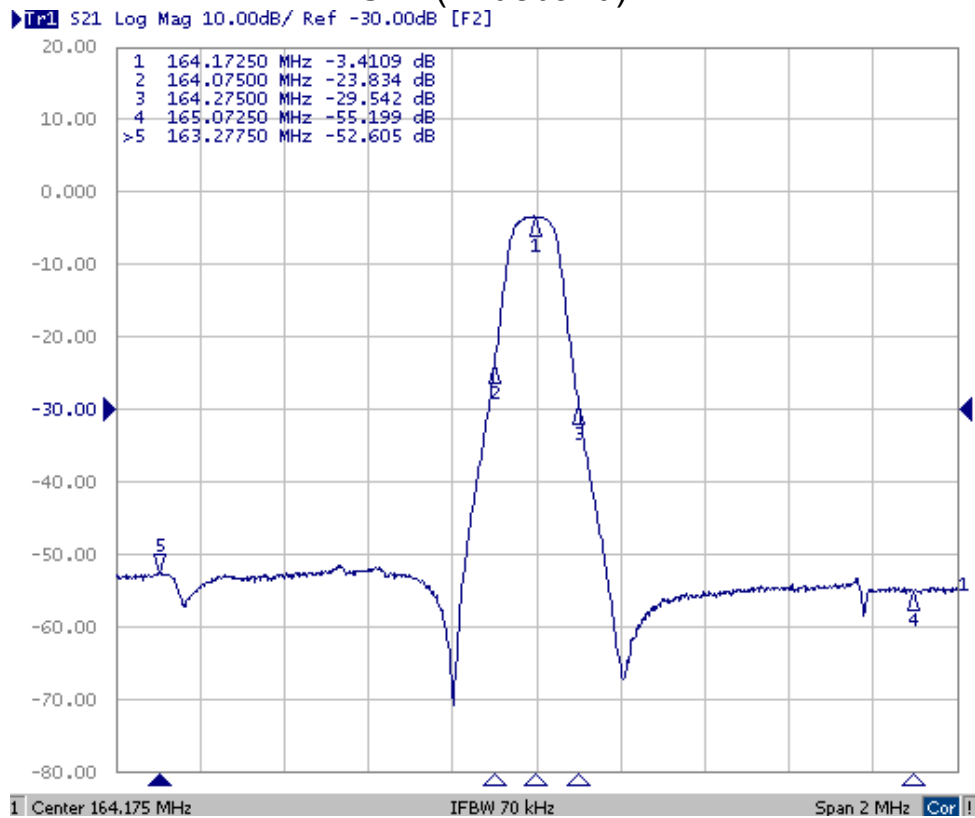
Year	2005 2009	2006 2010	2007 2011	2008 2012
Product Code	B	b	<u>B</u>	<u>b</u>

D. MEASUREMENT CIRCUIT: 50 Ohm Test circuit



E. Frequency Characteristics :

S21 (Wideband)



S21 (Inband)

