



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 165.45 MHz F-11

TST Parts No.: TB0548A

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 165.45 MHz

MODEL NO.: TB0548A

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

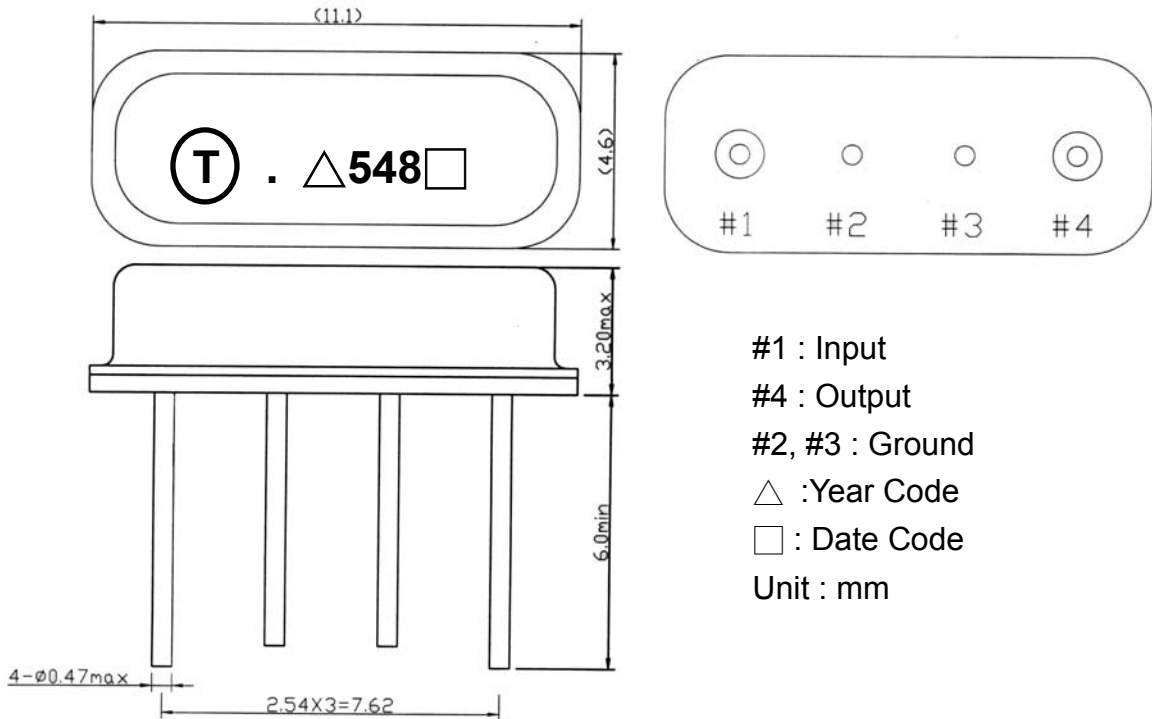
RoHS Compliant

Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center frequency Fc	MHz	-	165.45	-	-
Insertion loss at center frequency ILc	dB	-	3.5	7.0	-
Ripple (165.44625 ~ 165.45375 MHz)	dB	-	±0.3	±1	-
Attenuation (relative to ILc)					
164.45 ~ 164.5525 MHz	dB	30	47	-	-
164.5525 ~ 165.35 MHz	dB	7	19	-	-
165.55 ~ 166.3475 MHz	dB	7	19	-	-
166.3475 ~ 166.45 MHz	dB	30	47	-	-
Temperature coefficient of frequency TCf		-0.034 ppm/C ²			

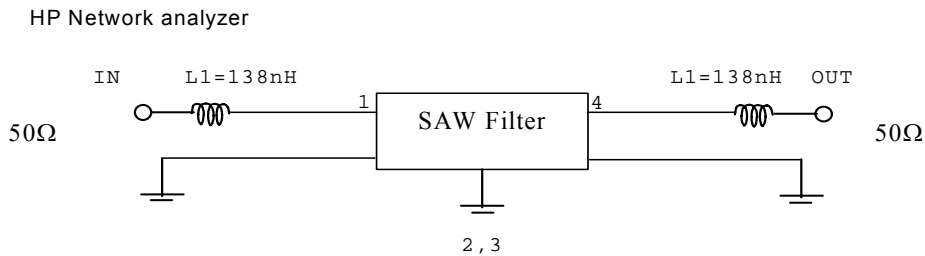
C.OUTLINE DRAWING:



\triangle Product Year Code

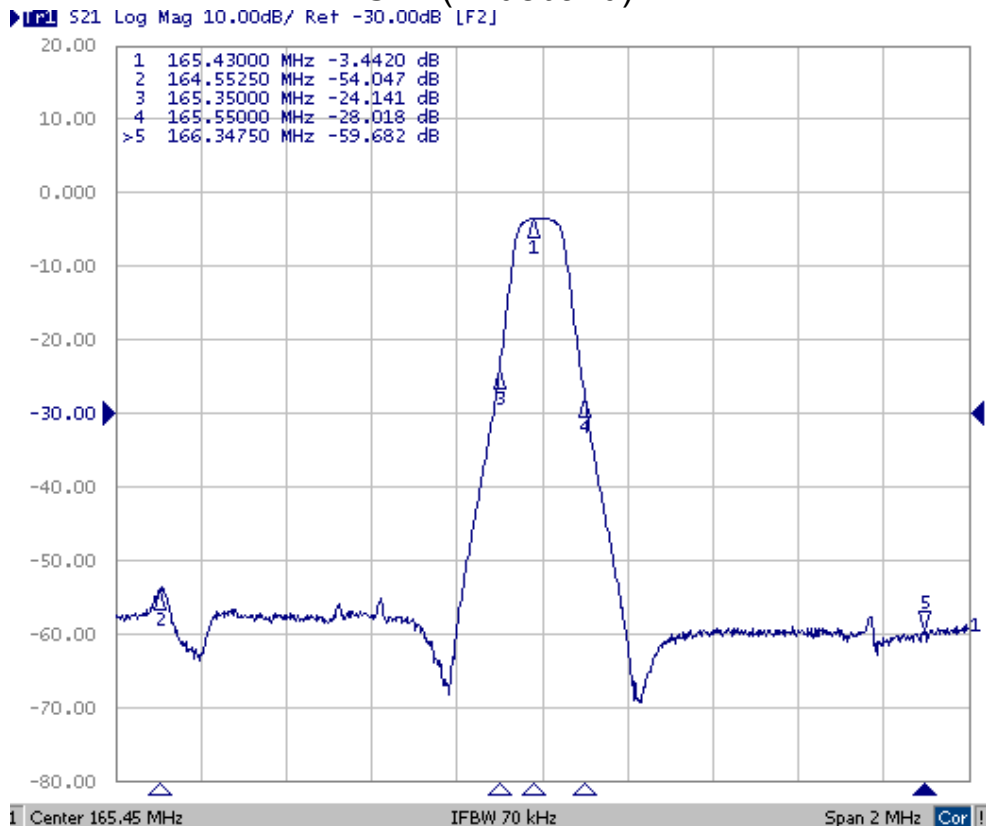
Year	2005 2009	2006 2010	2007 2011	2008 2012
Product Code	B	b	<u>B</u>	<u>b</u>

**D. MEASUREMENT CIRCUIT:
50 Ohm Test circuit**



E. Frequency Characteristics :

S21 (Wideband)



S21 (Inband)

