



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: Nov, 21, 2007

Product Name: SAW Filter 499 MHz SMD 5X5 mm

TST Parts No.:TA0785A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 11, 21, 2007



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SAW Filter 499 MHz

MODEL NO.: TA0785A

REV. NO.:1

A. MAXIMUM RATING:

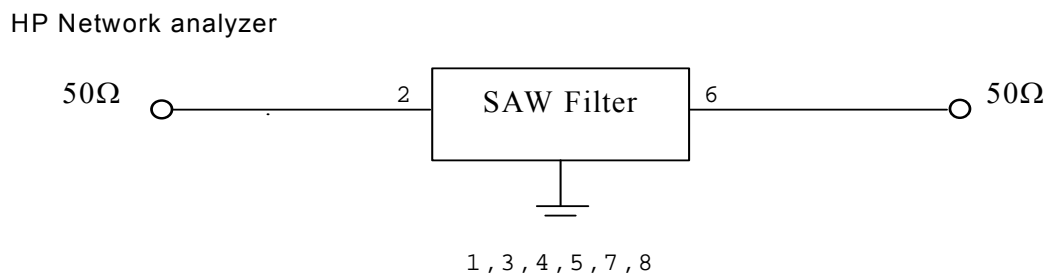
1. Input Power Level: 10 dBm
2. DC voltage: 3 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

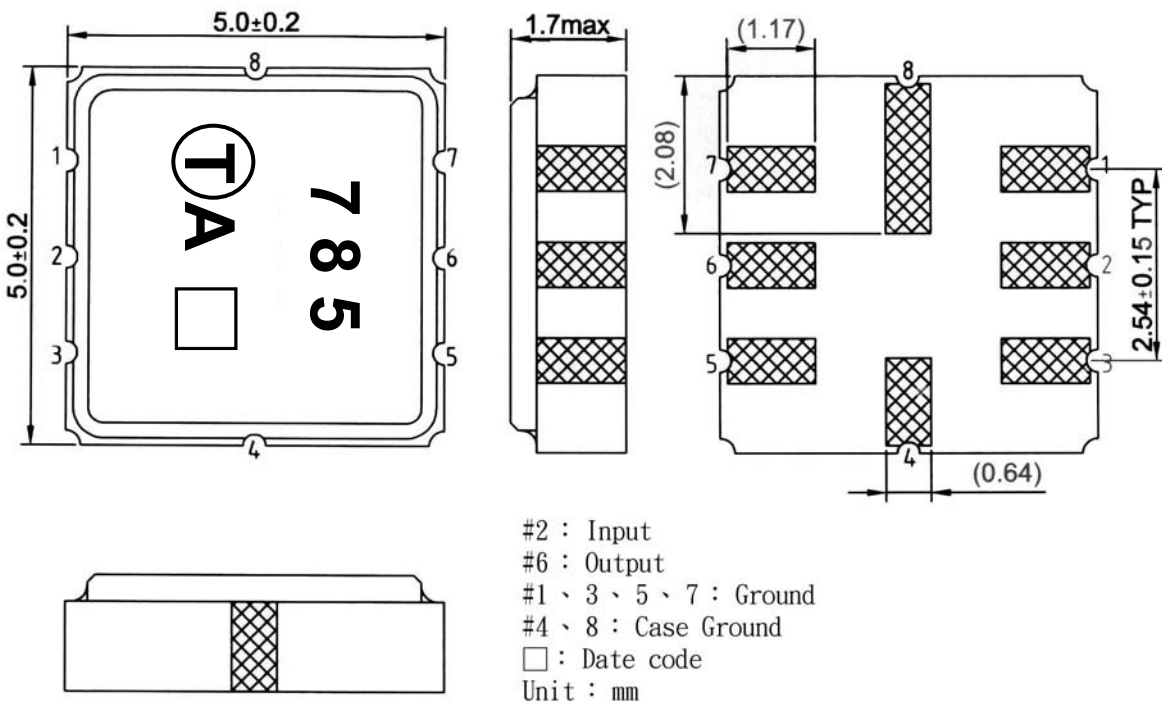
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency F_o	MHz	-	499	-
Insertion loss (494 ~ 504 MHz) IL	dB	-	2	4
Amplitude Ripple (494 ~ 504 MHz)	dB	-	0.4	2
Attenuation (Reference level from 0 dB)				
$F_c - 100$ to $F_c - 45$	MHz	50	59	-
$F_c + 45$ to $F_c + 55$	MHz	30	56	-
$F_c + 55$ to $F_c + 100$	MHz	50	57	-
Source impedance Z_s	Ω	-	50	-
Load impedance Z_L	Ω	-	50	-
Temperature Coefficient	ppm/°C	-	-36	-

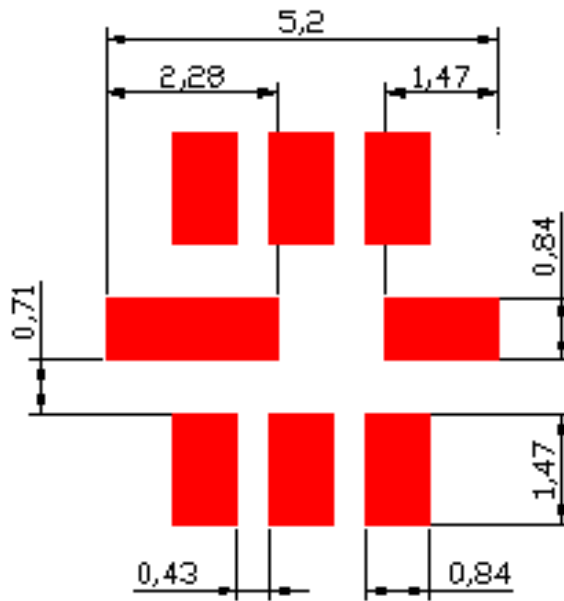
C. MEASUREMENT CIRCUIT:



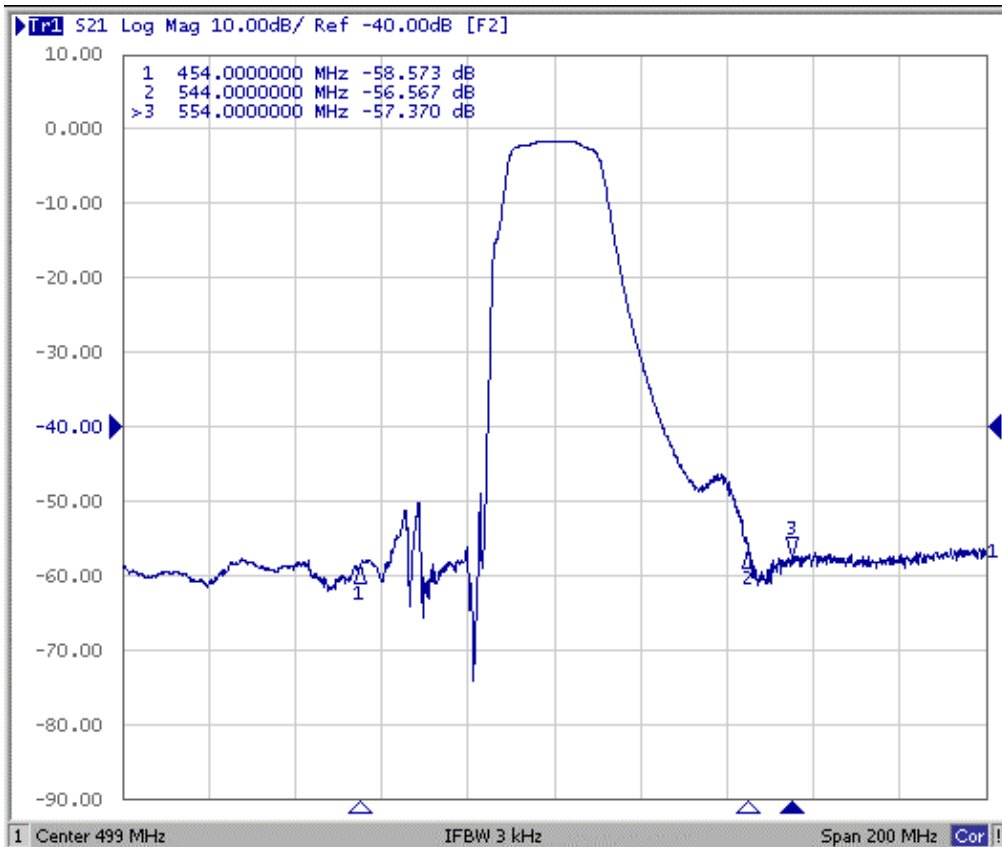
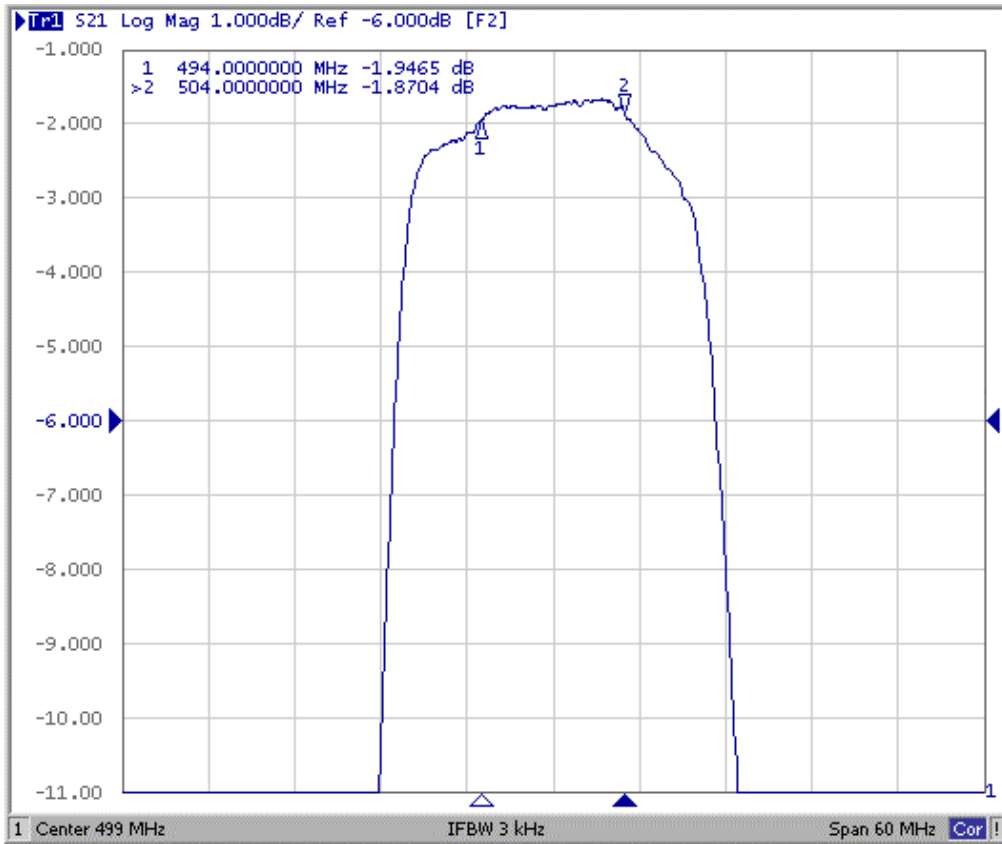
D. OUTLINE DRAWING:



E. PCB Footprint:

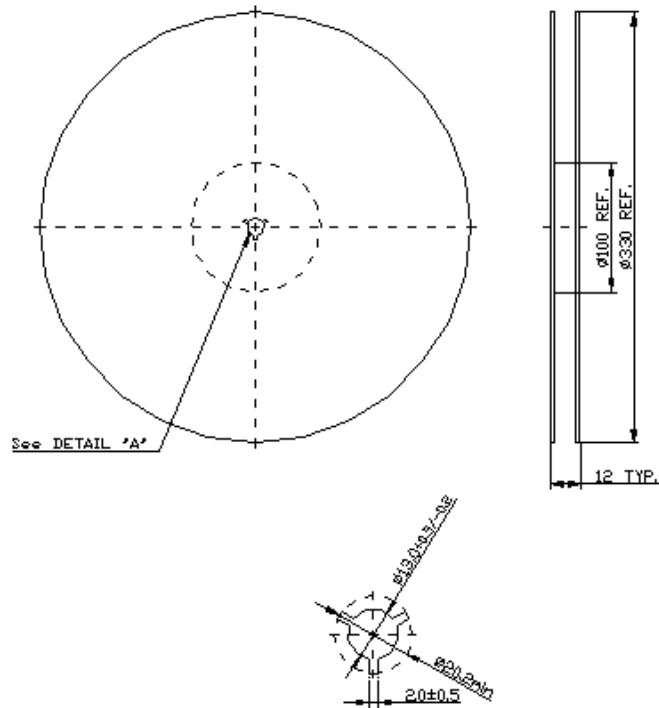


F. Frequency Characteristics :
Transfer function

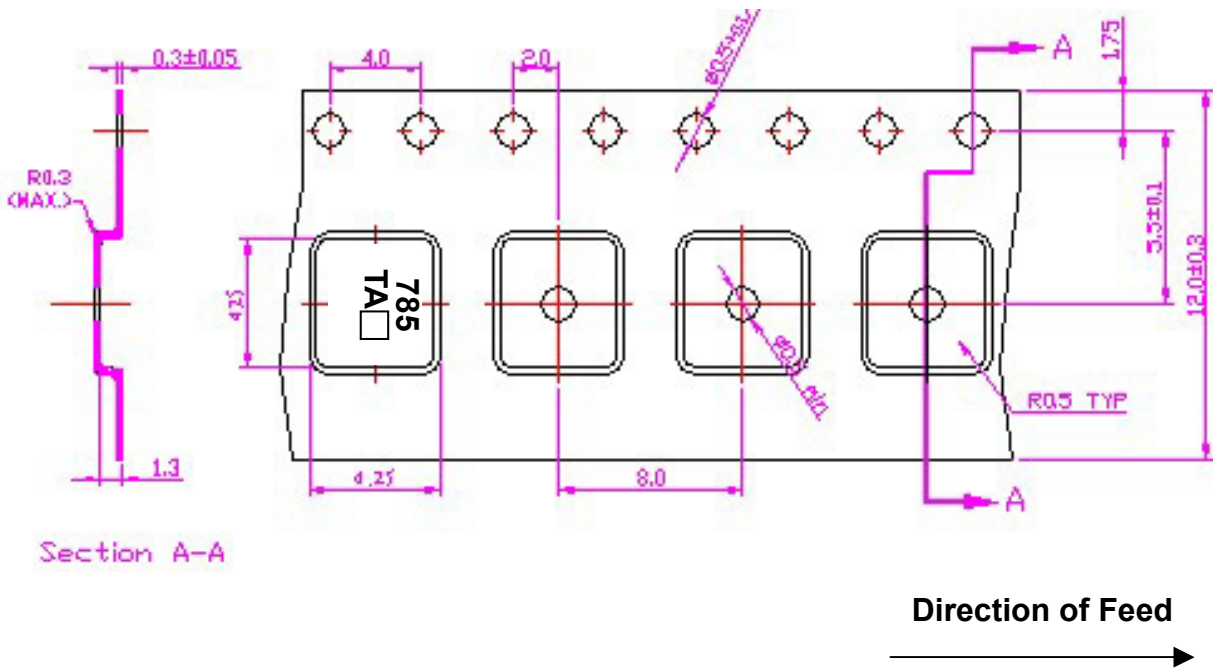


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



G.RECOMMENDED REFLOW PROFILE:

