



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 284 MHz

TST Parts No.:TA284FD

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Vincent Lee

Date:_____2002/8/6



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SAW Filter 284 MHz

MODEL NO.: TA284FD

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 0 dB_m
2. DC voltage: 10 V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C

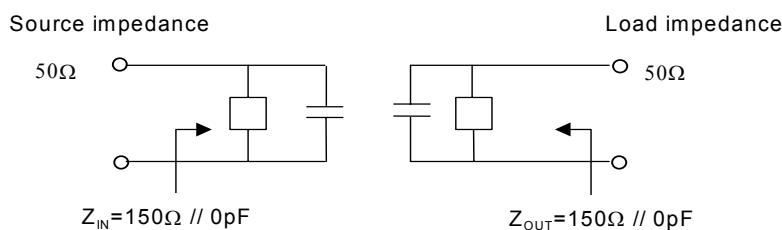
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

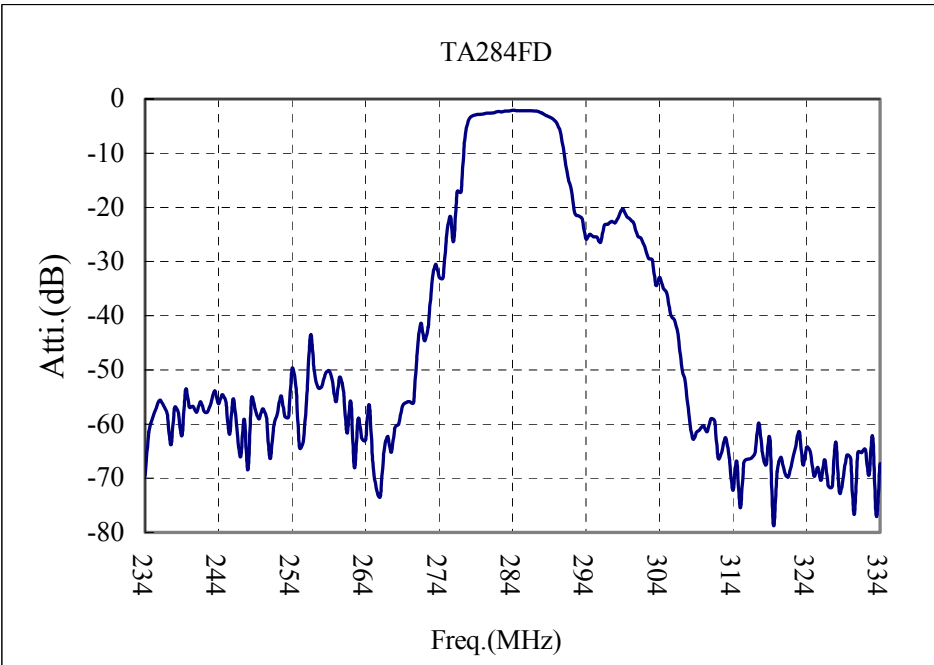
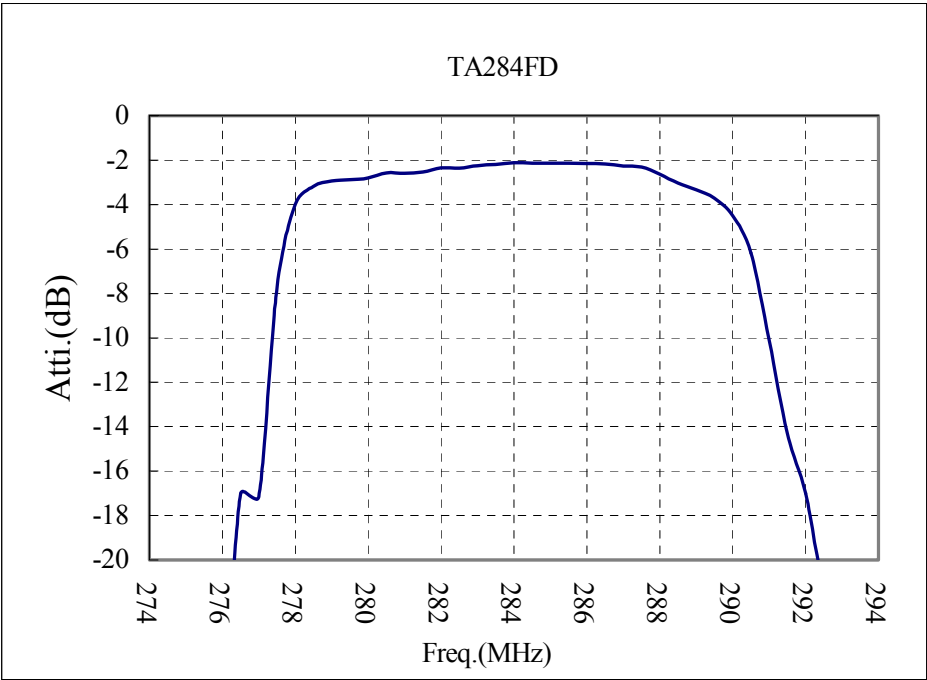
Characteristics	Specification	Note
Center frequency F_C (MHz)	284	1
I.L. (Within $F_C \pm 4$ MHz) (dB)	4.5 max.	
Pass band BW _{4.5dB} (MHz)	8.0 min.	1
Ripple(Within $F_C \pm 4$ MHz) (dB)	2.0 max.	1
Attenuation:(Reference level from 0 dB) (dB)		
$F_C - 100$ MHz to -37.5 MHz (dB)	48 min.	1
$F_C + 37.5$ MHz to + 100 MHz (dB)	48 min.	
Impedance at F_C ; Input $Z_{IN}=R_{IN}/C_{IN}$	150 Ω // 0 Pf	2
Output $Z_{OUT}=R_{OUT}/C_{OUT}$	150 Ω // 0 Pf	2

Note1. The standard definitions is in JIS C 6703

Note2.

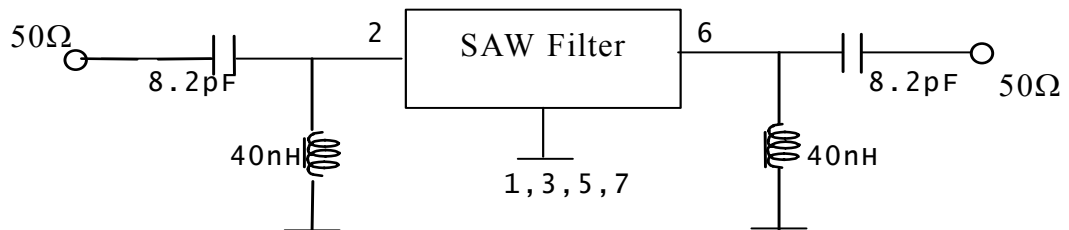


C. Frequency Characteristics :

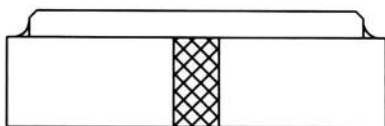
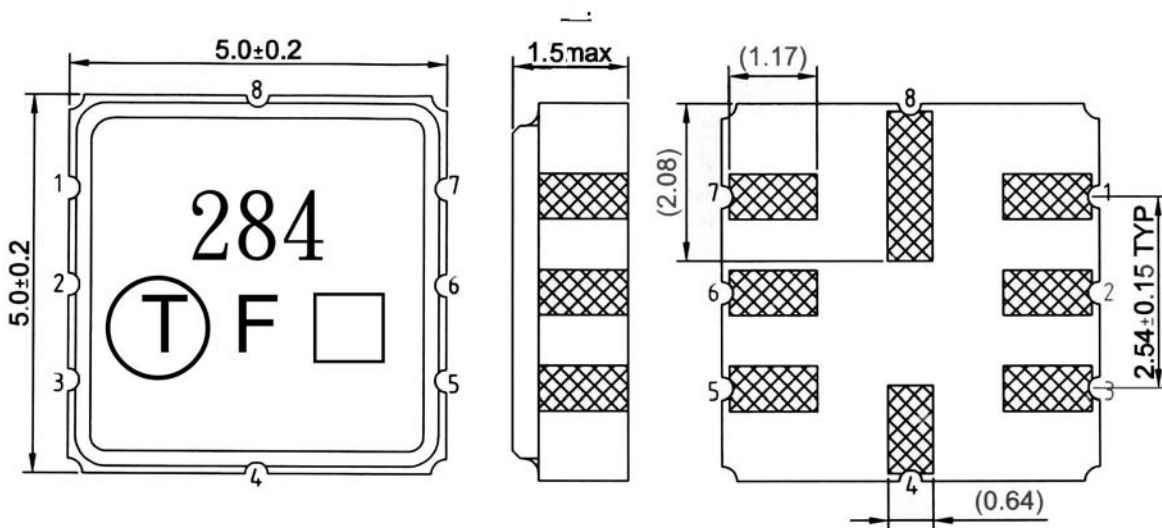


E. MEASUREMENT CIRCUIT:

Network analyzer



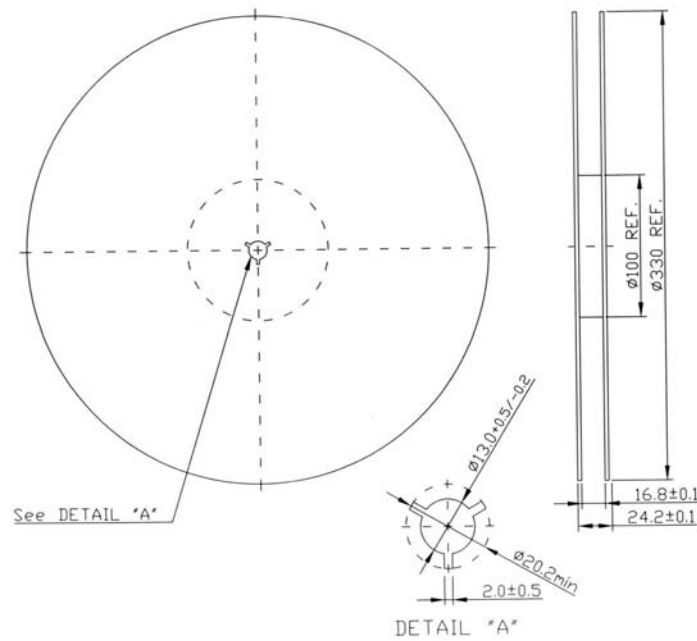
F. OUTLINE DRAWING:



#2 : Input
 #6 : Output
 #1, 3, 5, 7: Ground
 #4, 8 : Case Ground
 □ : Date code
 Unit : mm

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

