



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 470MHz SMD 5X5 mm

TST Parts No.: TA470FD

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ Sep. 28. 2006



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SAW Filter 470 MHz

MODEL NO.: TA470FD

REV. NO.:2

A. MAXIMUM RATING:

RoHS Compliant
Lead free
Lead-free soldering

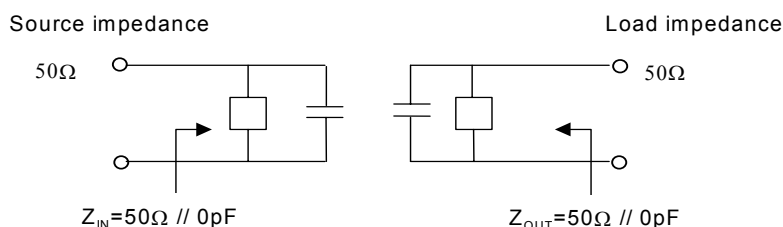
1. Input Power Level: 0 dB_m
2. DC voltage: 10 V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Characteristics	Specification	Note
Center frequency F_c (MHz)	470	1
I.L. (Within $F_c \pm 2$ MHz) (dB)	4.0 max.	
Ripple(Within $F_c \pm 2$ MHz) (dB)	2.0 max.	1
Attenuation:(Reference level from 0 dB) (dB) $F_c - 100$ MHz to -45 MHz (dB) $F_c + 45$ MHz to $+ 100$ MHz (dB)	45 min. 50 min.	1
Impedance at F_c ; Input $Z_{IN} = R_{IN} // C_{IN}$	50Ω // 0PF	2
Output $Z_{OUT} = R_{OUT} // C_{OUT}$	50Ω // 0PF	2

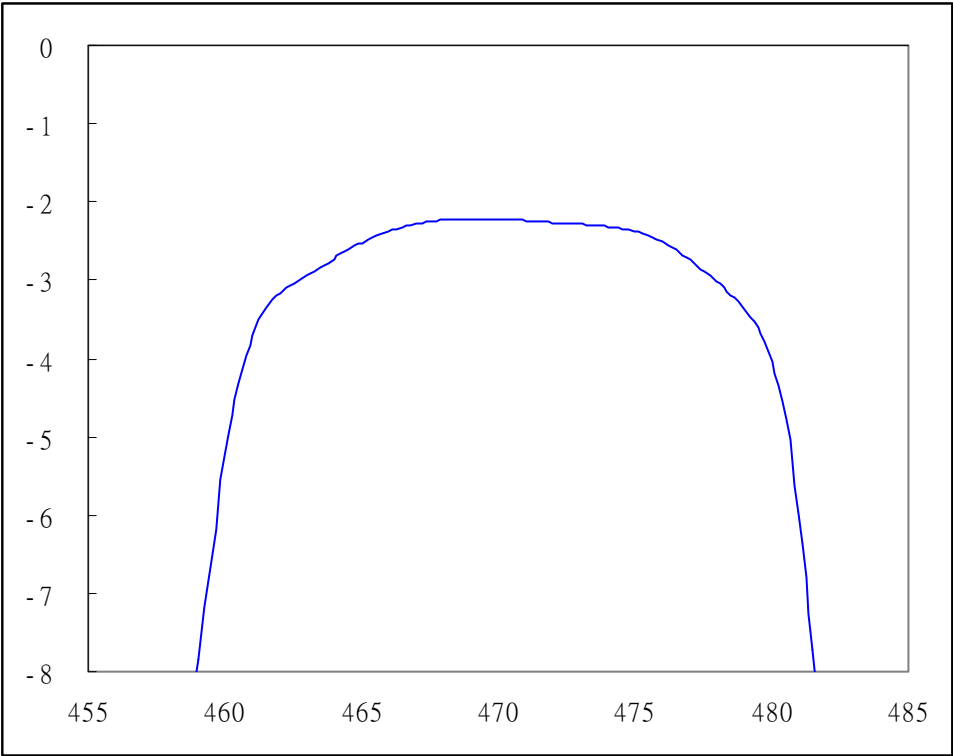
Note1. The standard definitions is in JIS C 6703

Note2.

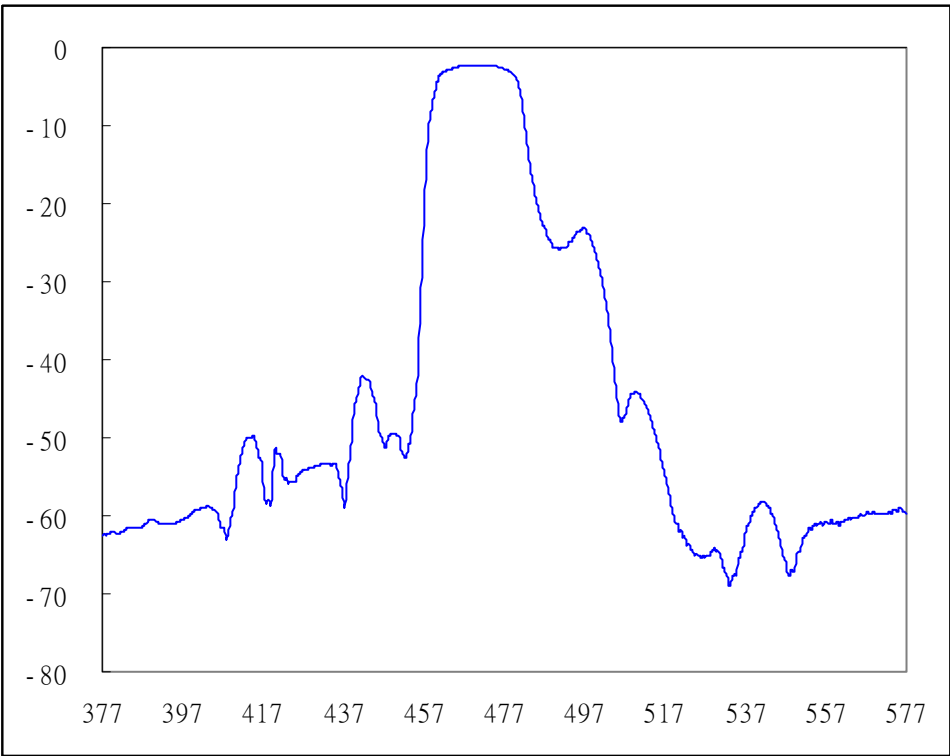


C.FREQUENCY CHRACTERISTICS:

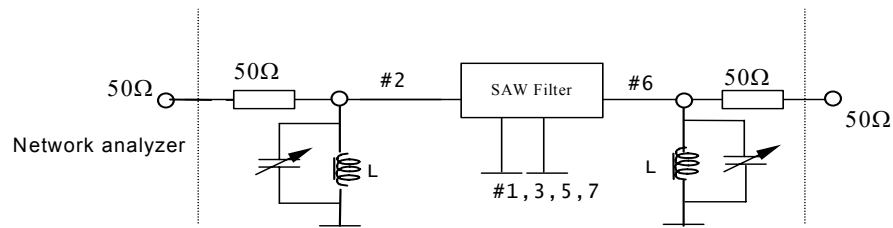
(1) PASSBAND RESPONSE:



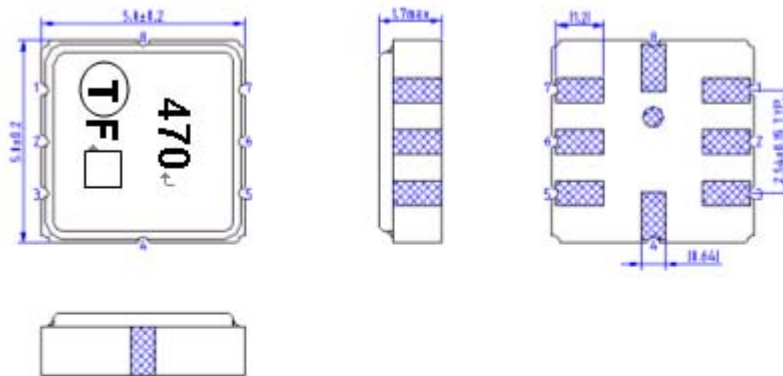
(2)WIDEBAND RESPONSE:



D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



#2: INPUT↵

#6: output↵

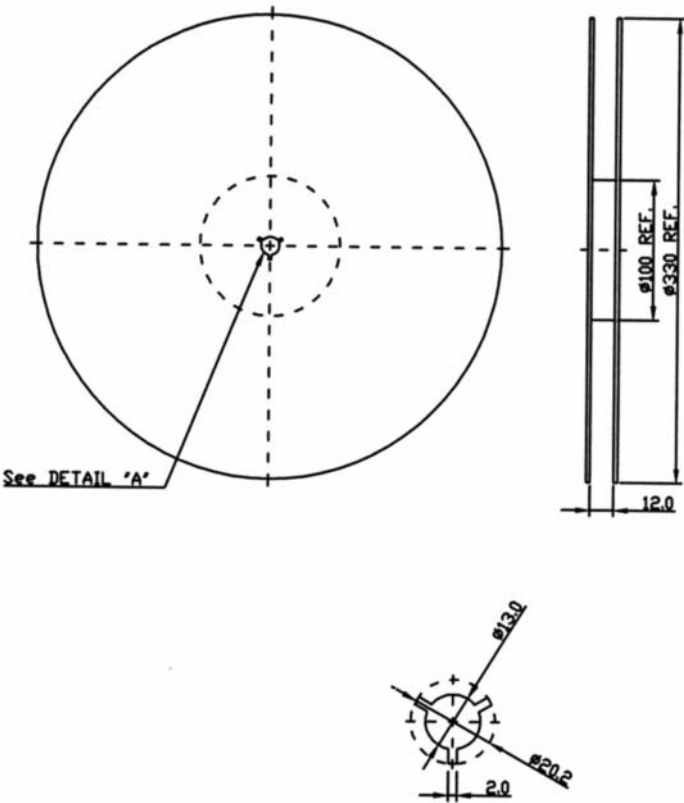
#1,3,4,5,7,8: GROUND↵

□ : DATE CODE↵

UNIT: mm↵

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

