

SAW Filter 470.0MHz

Model: TA470FD

Part No: **MA05696**

REV. NO.: 1

A. MAXIMUM RATING:

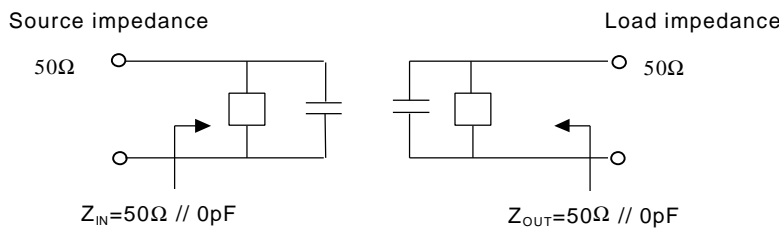
1. Input Power Level: 0 dBm
2. DC voltage: 10 V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C

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:(Ref level from 0 dB) (dB)		
$F_C - 100$ MHz to -45 MHz (dB)	45 min.	1
$F_C + 45$ MHz to $+ 100$ MHz (dB)	50 min.	
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.



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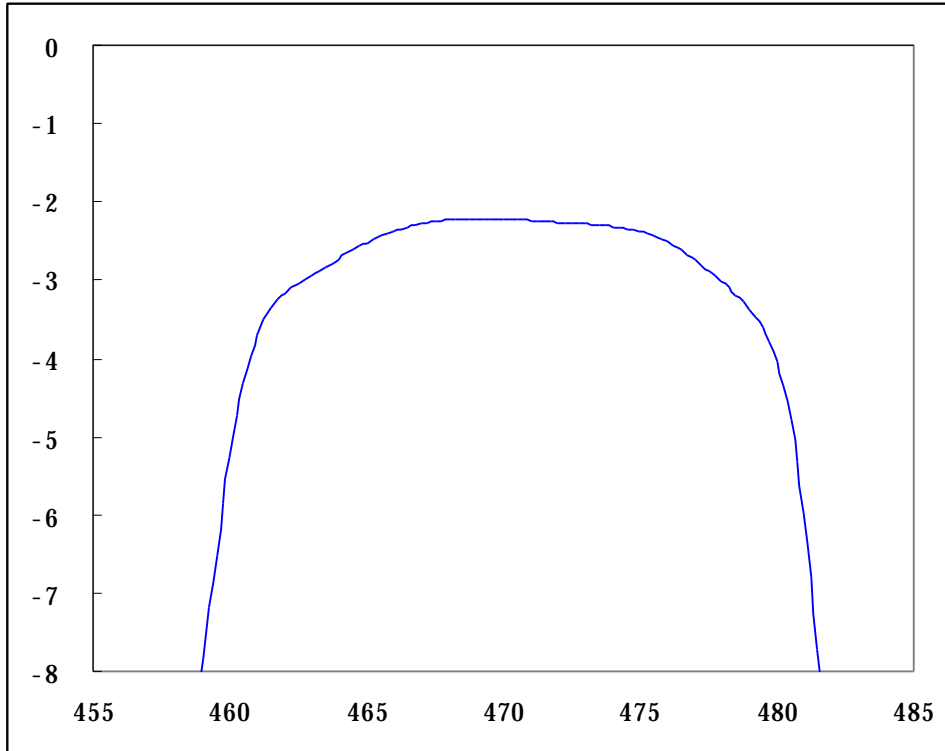
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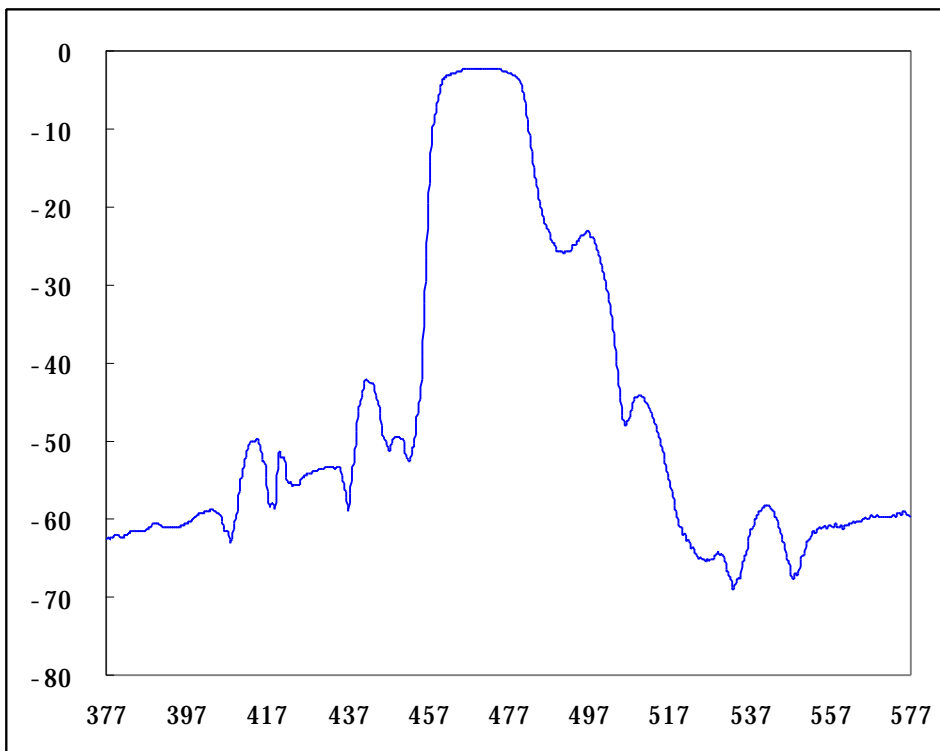
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C. FREQUENCY CHARACTERISTICS:

(1) PASSBAND RESPONSE:



(2) WIDEBAND RESPONSE:



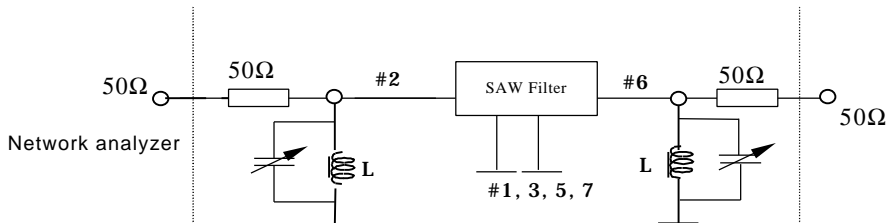
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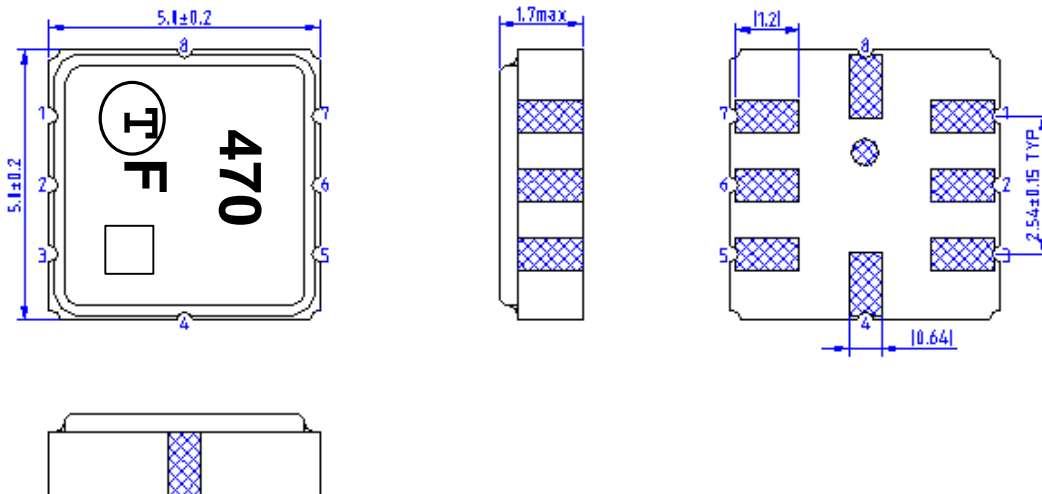
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D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



#2: INPUT
 #6: output
 #1,3,4,5,7,8: GROUND
 UNIT: mm

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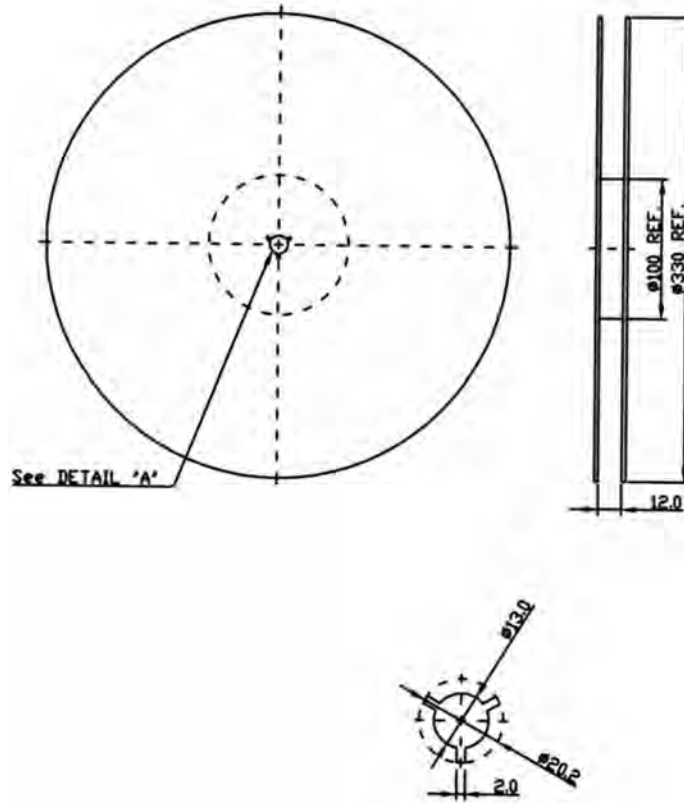
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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

