

SAW Filter for Pager 147.0MHz
Part No: MA04019

Model: TA147FD
Rev No: 6

A. MAXIMUM RATING:

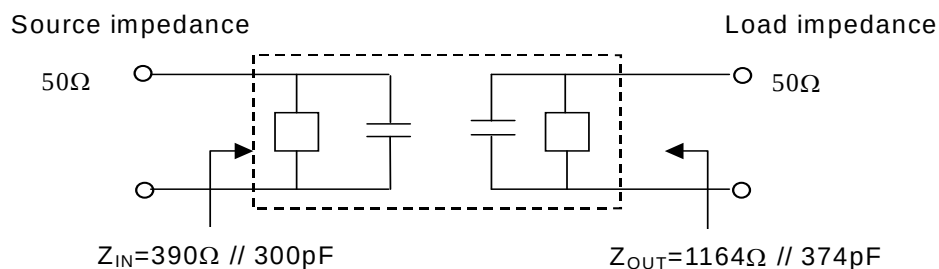
1. Input Power Level: 0dBm
2. DC voltage: 10V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Characteristics	Specification	Note
Center frequency Fc (MHz)	147	1
IL (Within Fc ± 4MHz)	6.5 Max.	1
Amplitude Ripple, AR (Within Fc ± 4MHz) (dB)	2.1 Max.	
Attenuation: (Reference level from 0dB) (dB)		
Fc -100MHz to -38.8MHz (dB)	50 Min.	1
Fc +38.8MHz to +100MHz (dB)	42 Min.	
Impedance at Fc:		
Input $Z_{IN} = R_{IN} // C_{IN}$	390 Ω // 300 pF	2
Output $Z_{OUT} = R_{OUT} // C_{OUT}$	1164 Ω // 374 pF	2

Note 1. The standard definitions is in JIS C 6703

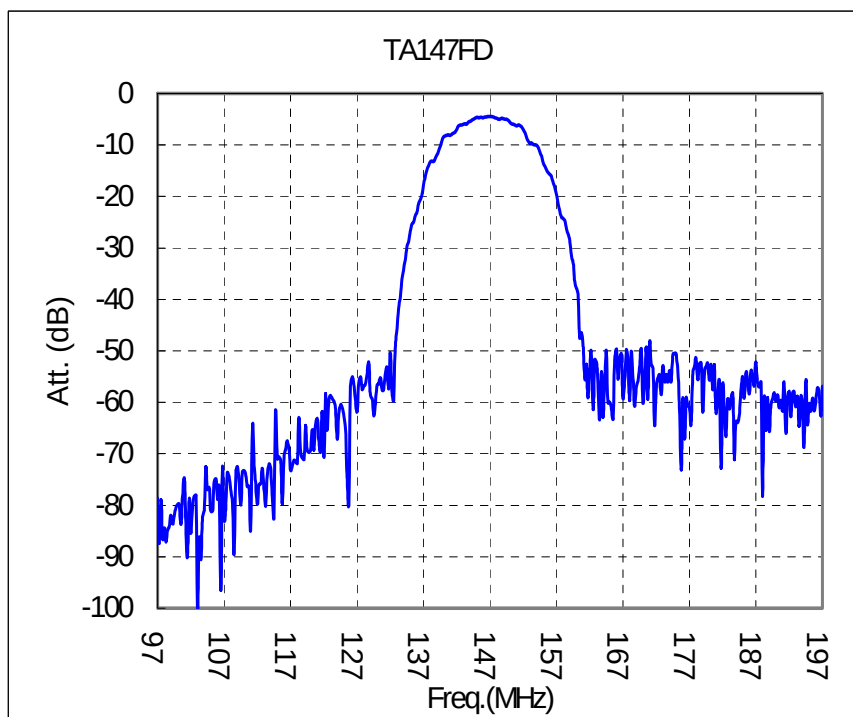
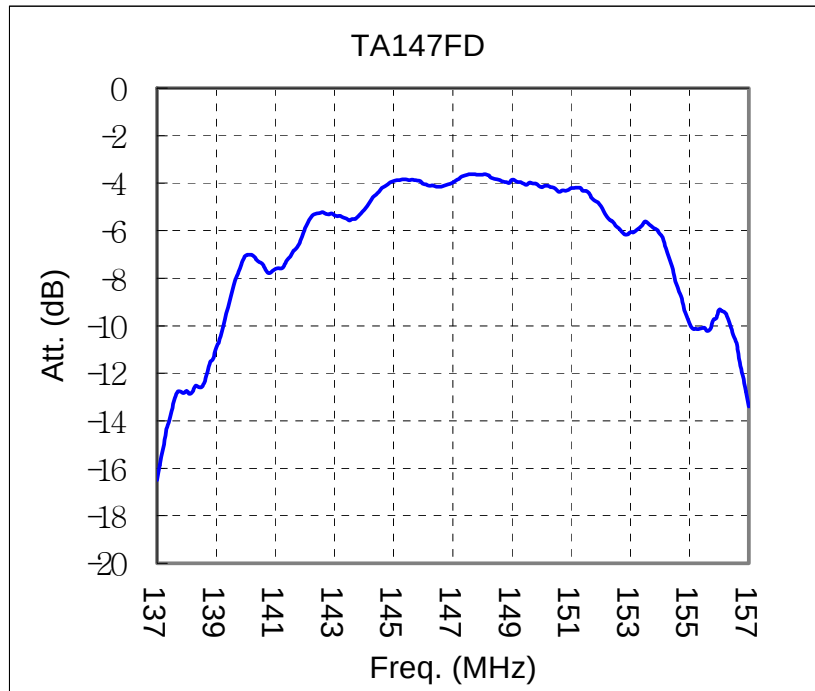
Note 2.



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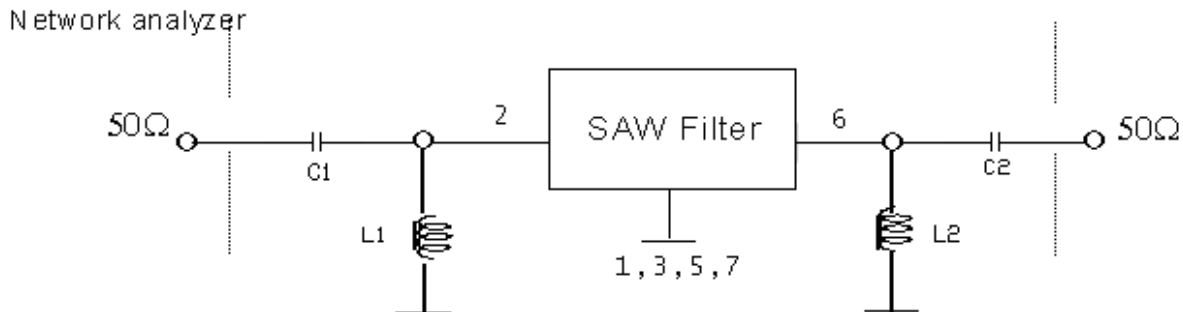
C. FREQUENCY CHARACTERISTICS:



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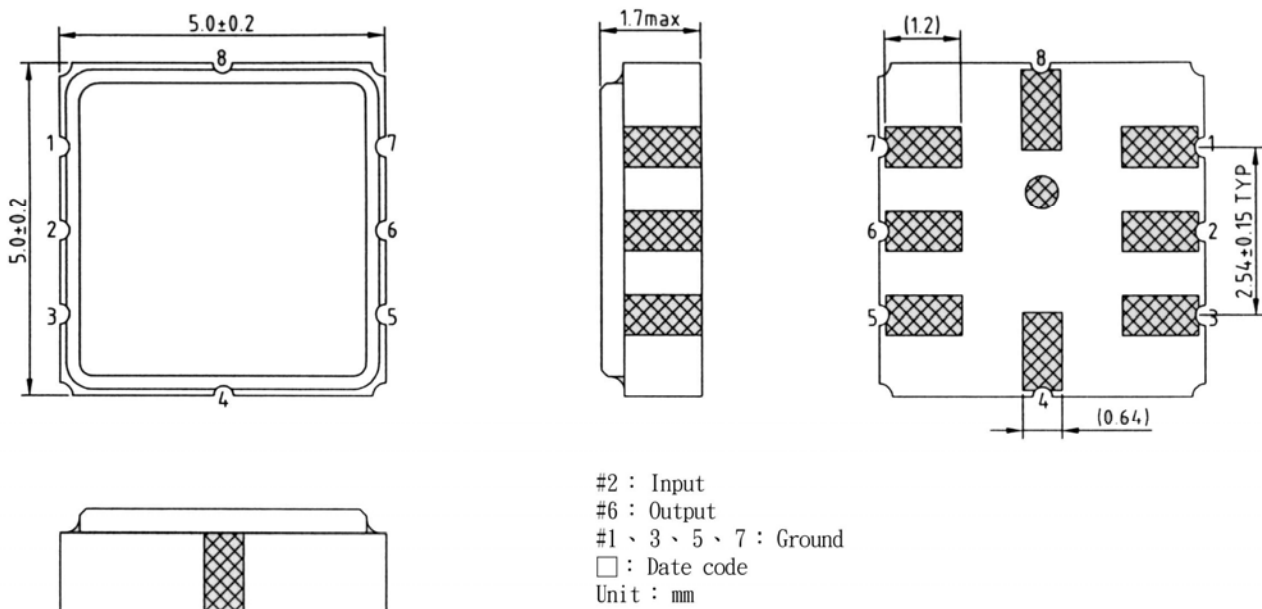
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D. MEASUREMENT CIRCUIT:



$C1 = 8\text{pF}$, $L1 = 56\text{nH}$
 $C2 = 12\text{ pF}$, $L2 = 47\text{nH}$

E. OUTLINE DRAWING:

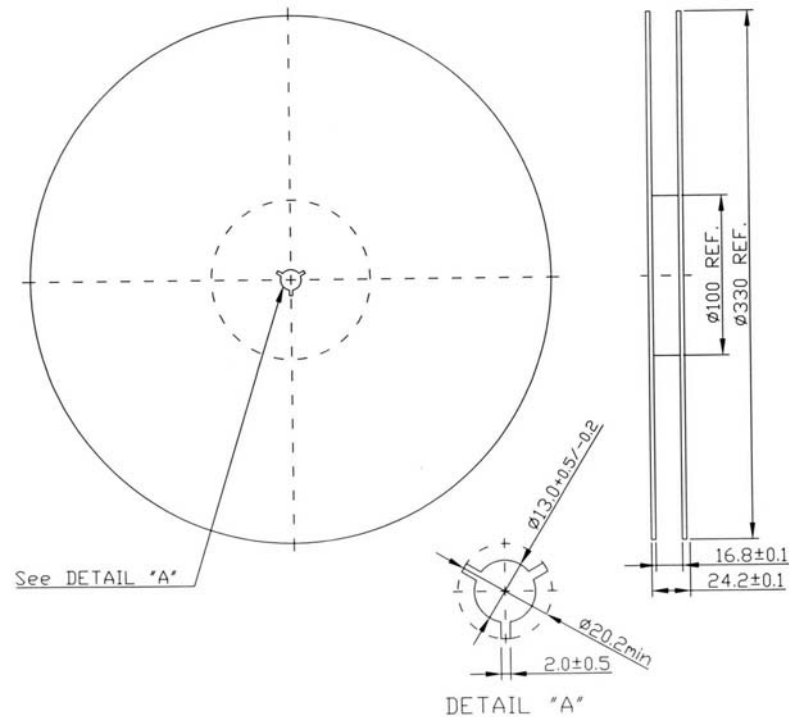


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F. PACKING:

1. Reel Dimension



2. Tape Dimension

