

**163MHz SAW Filter**  
**Part No: MA04395**

**Model: TA163E1**  
**Rev No: 2**

**A. MAXIMUM RATING:**

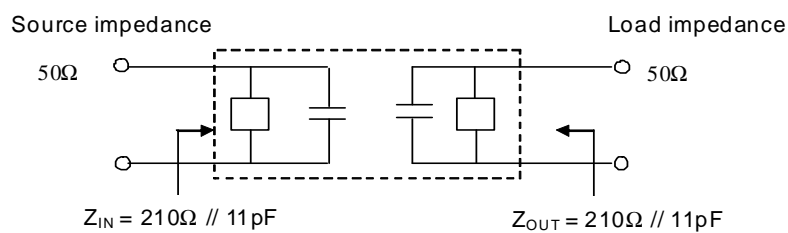
1. Input Power Level: 0dB
2. DC voltage: 10V
3. Storage Temperature: -40°C to +85°C
4. Operating Temperature: -10°C to +50°C

**B. ELECTRICAL CHARACTERISTICS:**

Characteristic	Units	Min.	Typ.	Max.
Center frequency Fc	MHz	-	163	-
Insertion Loss IL (Fc ± 4MHz)	dB	-	-	6.5
Attenuation (Reference level from 0dB)	dB			
Fc -100MHz to -38.8MHz	dB	50	-	-
Fc +38.8MHz to +100MHz	dB	42	-	-
Input/Output Impedance at Fc	$\Omega // pF$	$Z_{IN} = 210 // 11, Z_{OUT} = 210 // 11$		

Note1. The standard definitions is in JIS C 6703

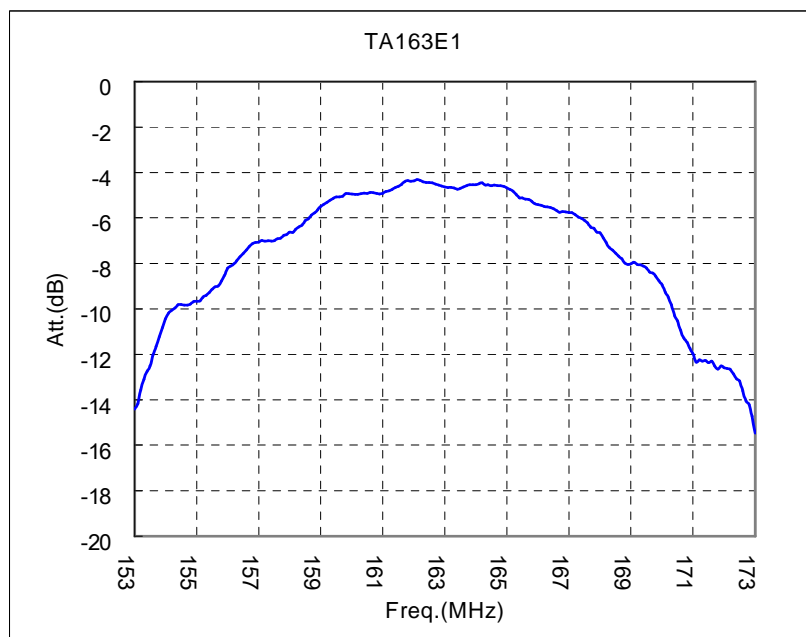
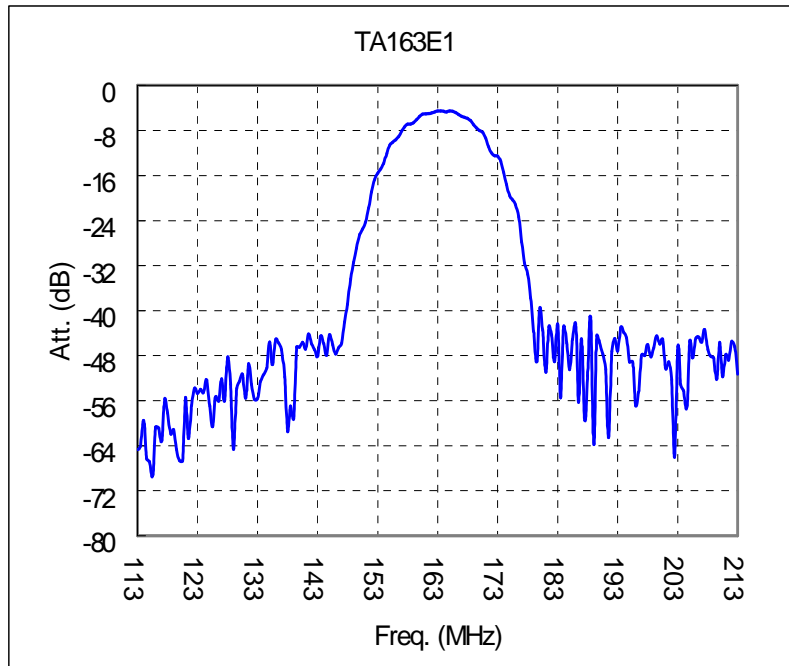
Note2.



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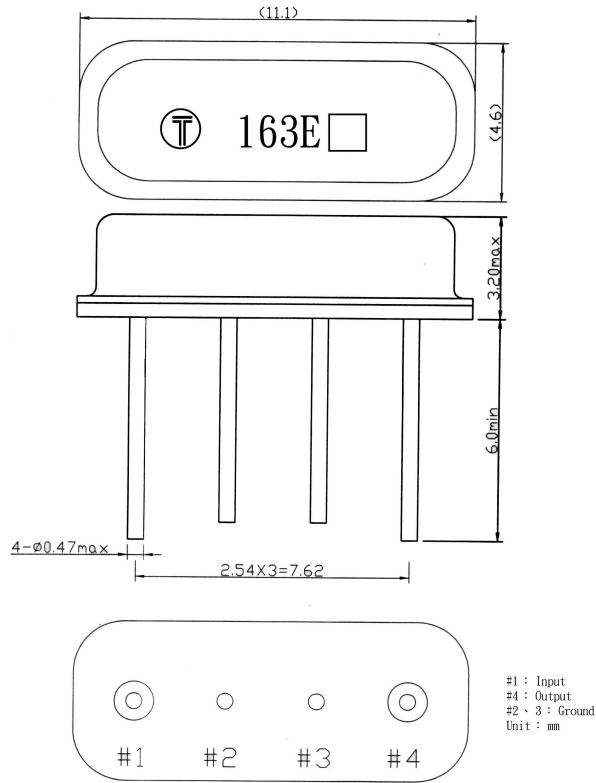
**C. FREQUENCY CHARACTERISTICS:**



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**D. OUTLINE DRAWING:**



**E. TEST CIRCUIT:**

