

SAW Filter 462.0MHz
Part No: MA05090

Model: TA462E1
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 0 dBm
2. Withstanding voltage for short term between each terminal: 10Vdc
3. Operating Temperature: -10°C to 50°C
4. Storage Temperature: -40°C to +85°C

Electrostatic Sensitive Device (ESD)

B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	462	-
Ripple (Within Fc ± 4MHz)	dB	-	0.4	2.5
Insertion loss IL (Within Fc ± 4MHz)	dB	-	2.6	4.5
Attenuation (reference from 0dB)				
Fc -100 to Fc -40.8MHz	dB	50	53.7	-
Fc +40 to Fc +100MHz	dB	42	51.1	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

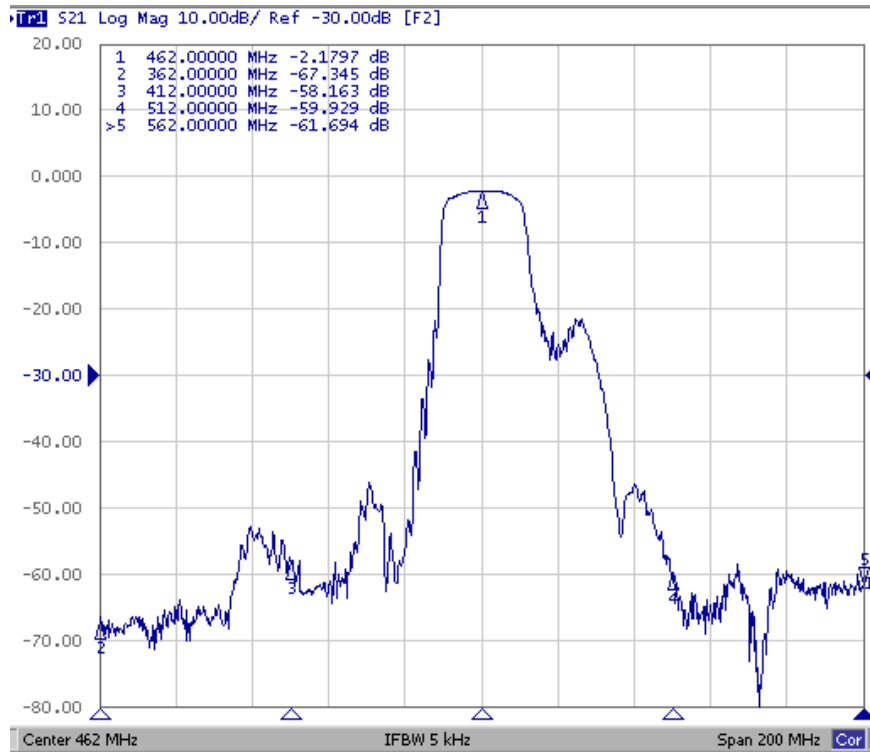
Note 1. No matching network required for operation at 50Ω

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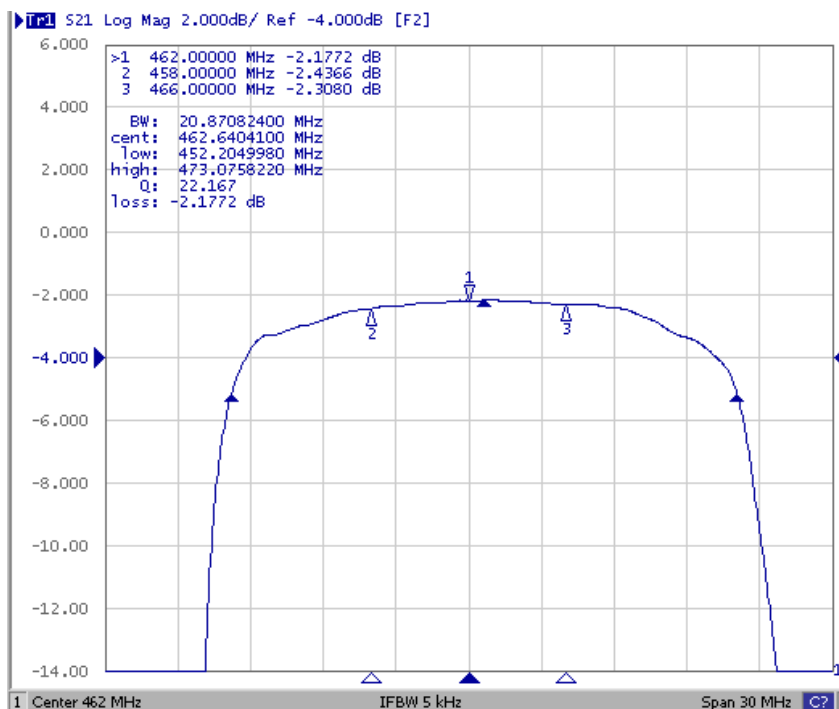
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C. TRANSFER FUNCTION:

1. Wideband



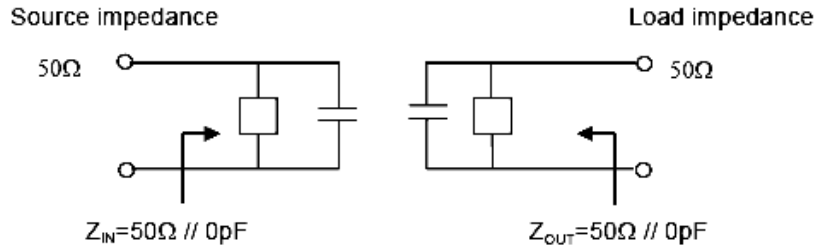
2. Passband



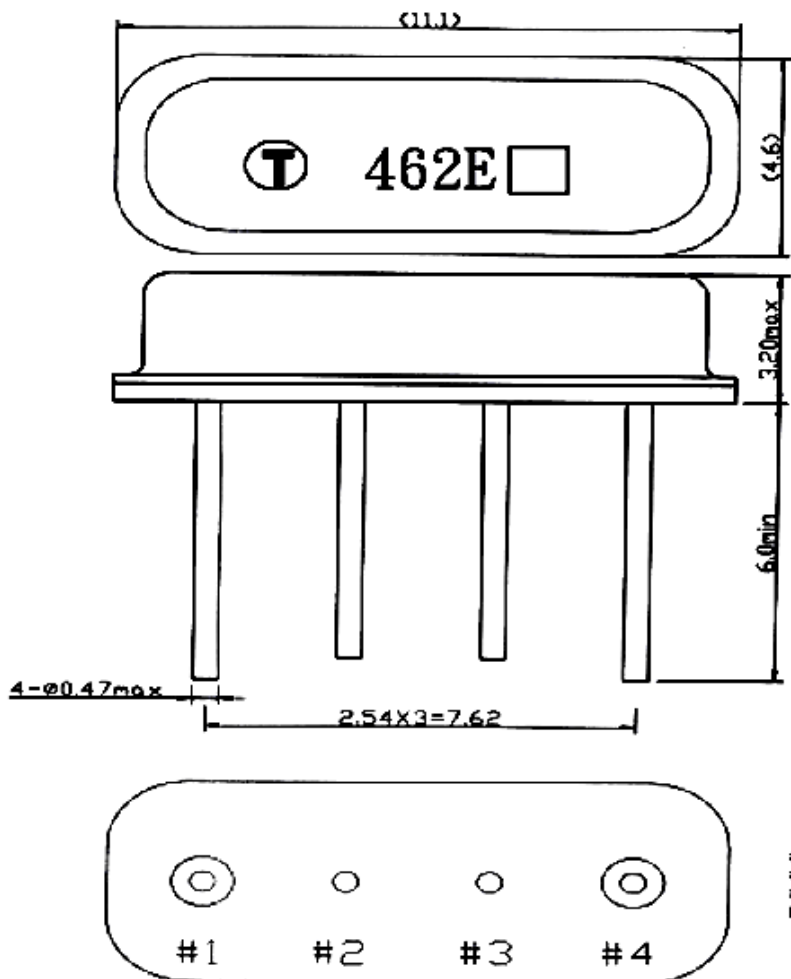
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D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



- 1: Input
 - 4: Output
 - 2, 3: Ground
- Unit: mm

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F. RECOMMENDED REFLOW PROFILE:

