

SAW Filter 283.50MHz

Model: TB0613A

Part No: MP01484

REV NO.: 1

A. MAXIMUM RATING:

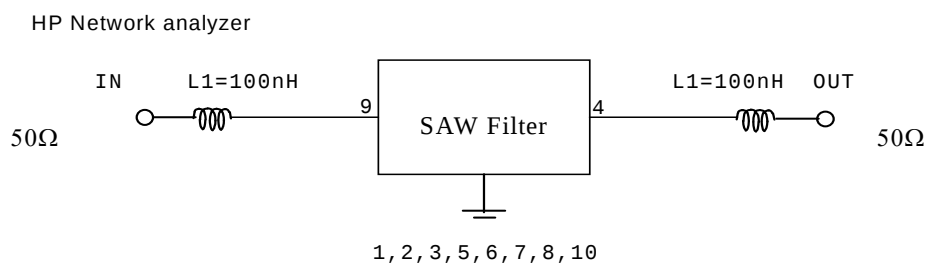
1. Input Power Level: 10 dBm
2. DC voltage: 5 V
3. Operating Temperature: : -20°C to +60°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	283.5	-
Minimum Insertion Loss, (Fc±50KHz) IL	dB	-	4.2	6.5
Passband Ripple (Fc±50KHz)	dB	-	0.6	2.0
Group delay ripple (Fc±50KHz), GD	µs	-	0.9	3.0
Attenuation (Reference level from 0 dB)				
Fc – 25 to Fc – 1.6 MHz	dB	50	65.0	-
Fc – 1.6 to Fc – 0.6 MHz	dB	28	64.7	-
Fc + 0.6 to Fc + 1.6 MHz	dB	28	63.7	-
Fc + 1.6 to Fc + 25 MHz	dB	50	63.0	-

C. MEASUREMENT CIRCUIT:

50 Ohm Test circuit (single-ended / single-ended)



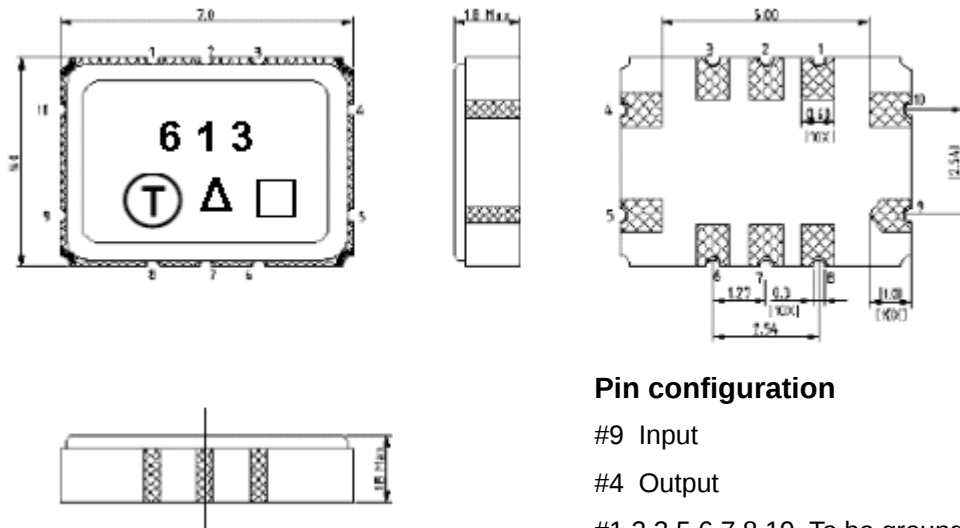
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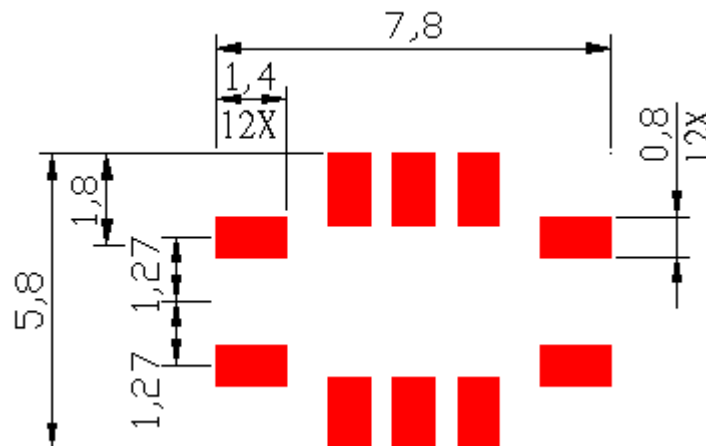
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D. OUTLINE DRAWING:



E. PCB FOOTPRINT:



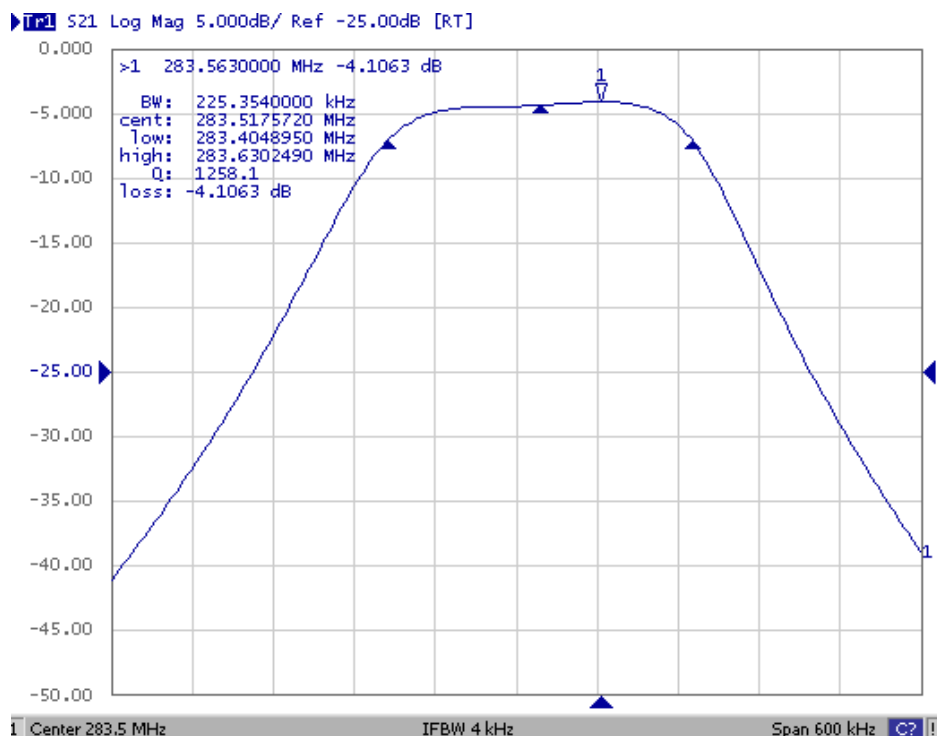
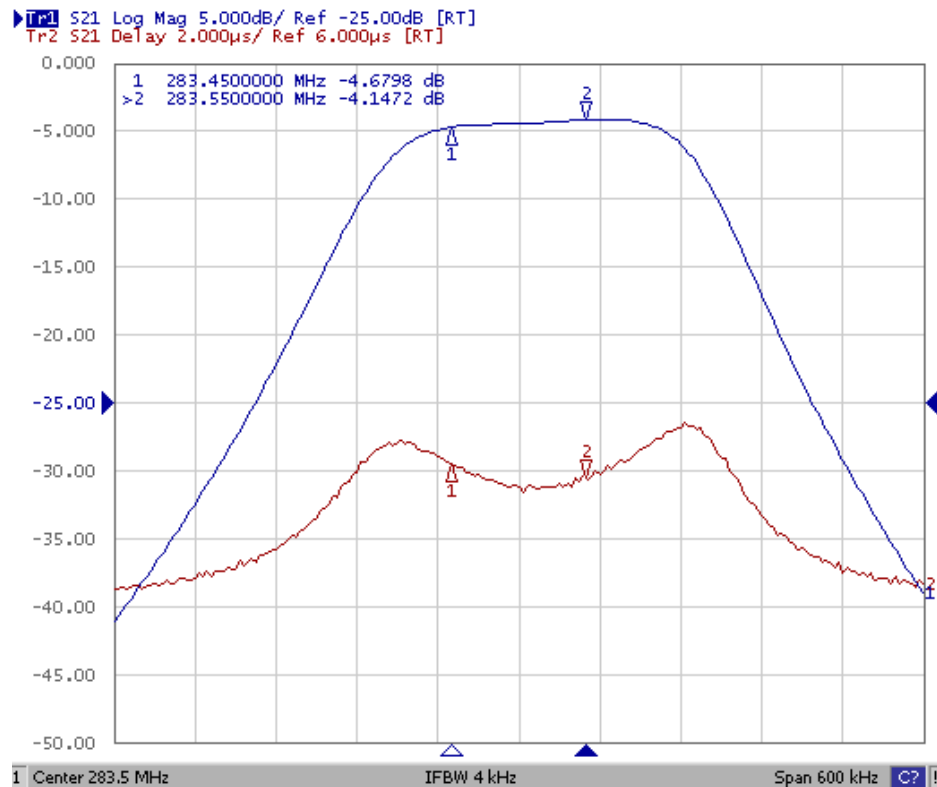
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F. FREQUENCY CHARACTERISTICS:

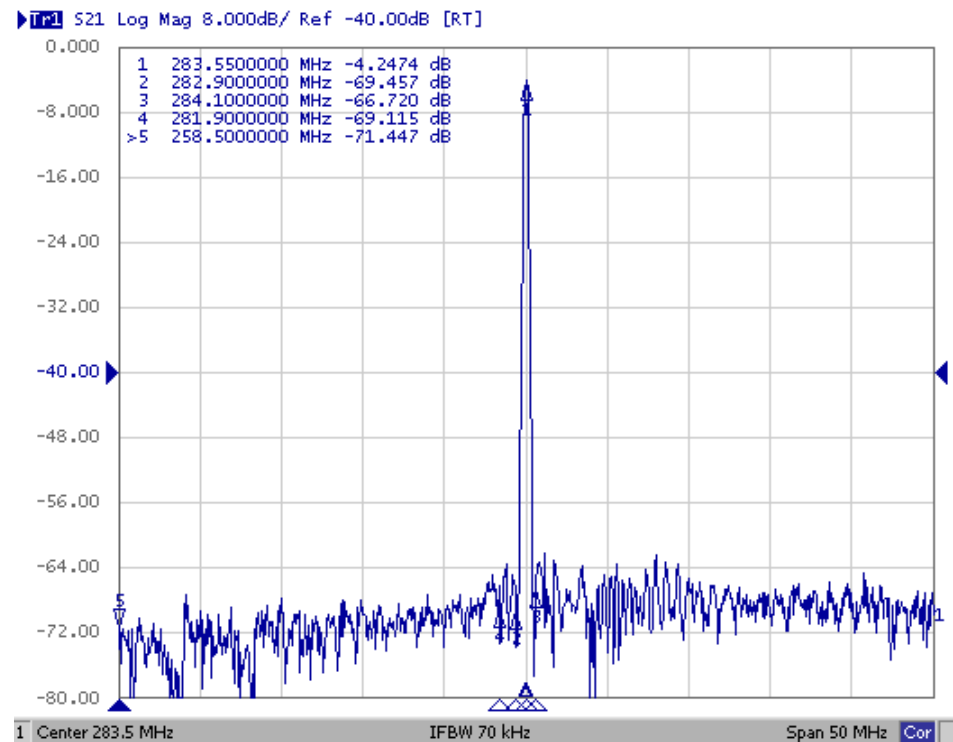
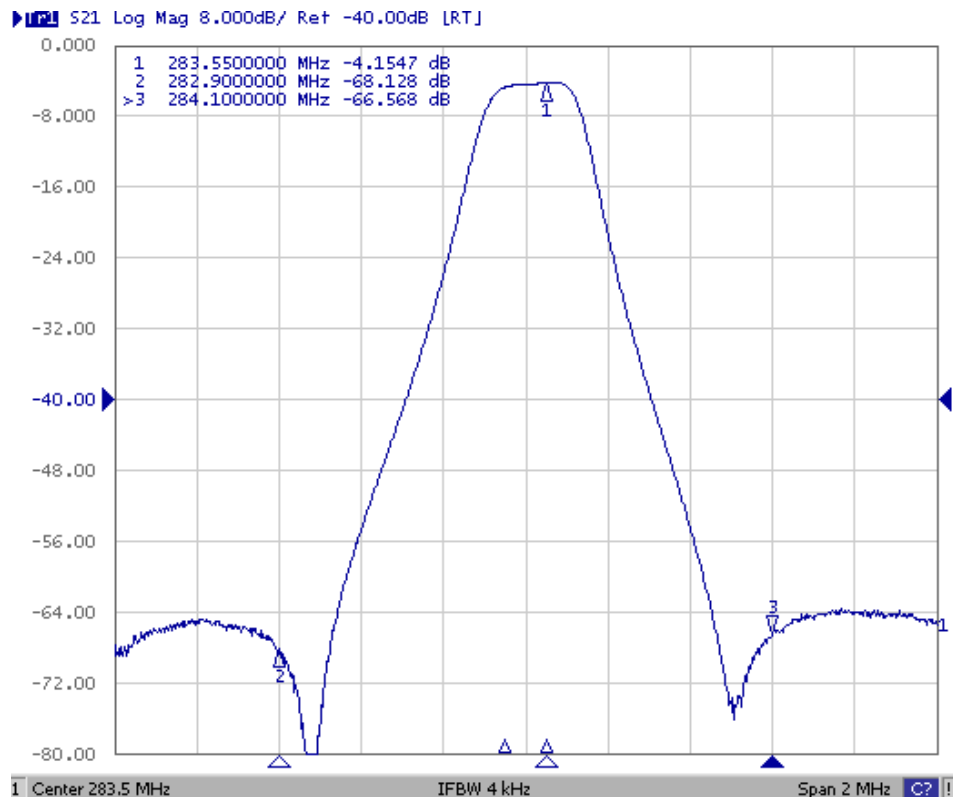


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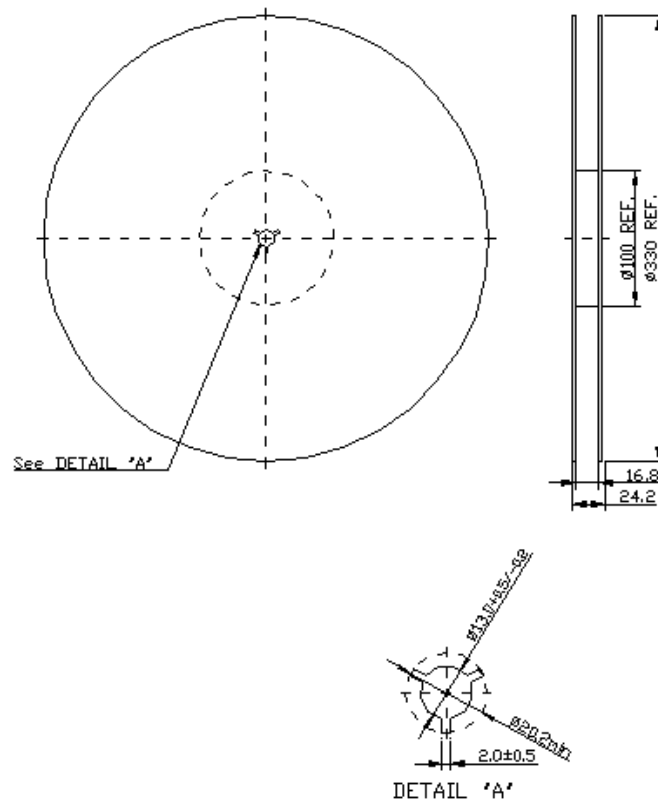
REV NO.: 1



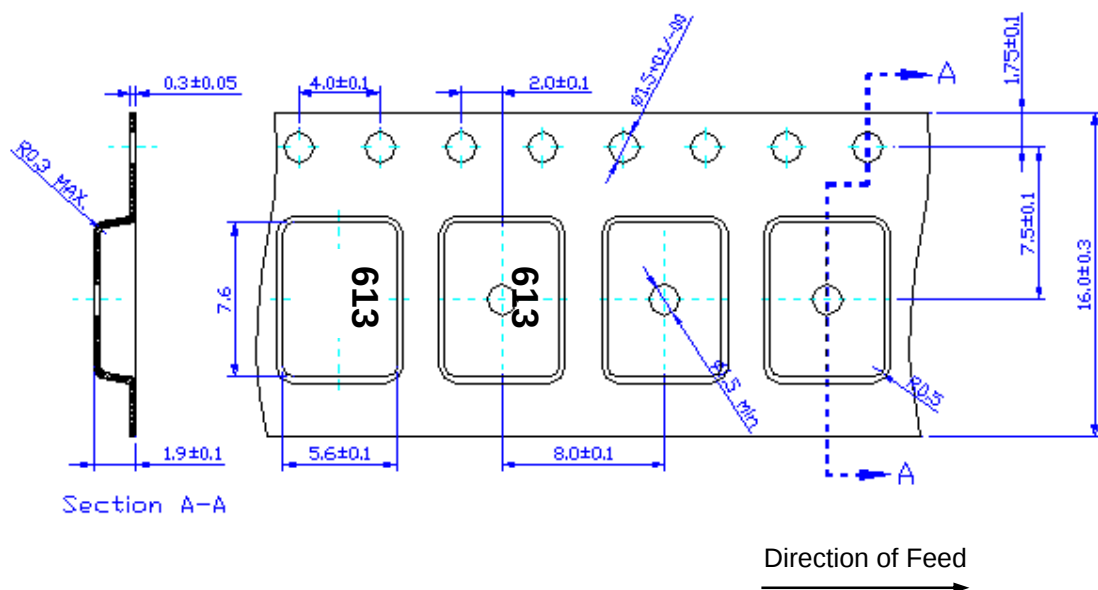
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G. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION



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H. RECOMMENDED REFLOW PROFILE:

