

SAW Filter 433.50MHz
Part No: MP04028

Model: TA0708A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 3V
3. Operating Temperature: -10°C to 60°C
4. Storage Temperature: -30°C to +85°C

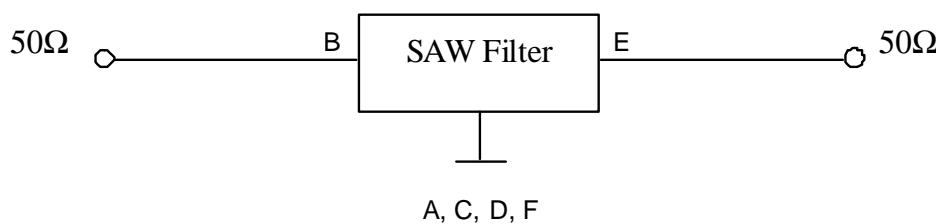
B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MH	-	433.5	-
Insertion loss Fc ± 1.6 MHz IL	dB	-	2.2	4.0
Amplitude ripple Fc ± 1.6MHz	dB	-	0.5	2.0
Attenuation (Reference level from 0dB)				
421.2 ~ 424.4MHz	dB	8	34	-
388.6 ~ 391.08MHz	dB	45	50	-
474.2 ~ 477.4MHz	dB	45	51	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

Note: No matching network required for operation at 50Ω

C. MEASUREMENT CIRCUIT:

HP Network analyzer

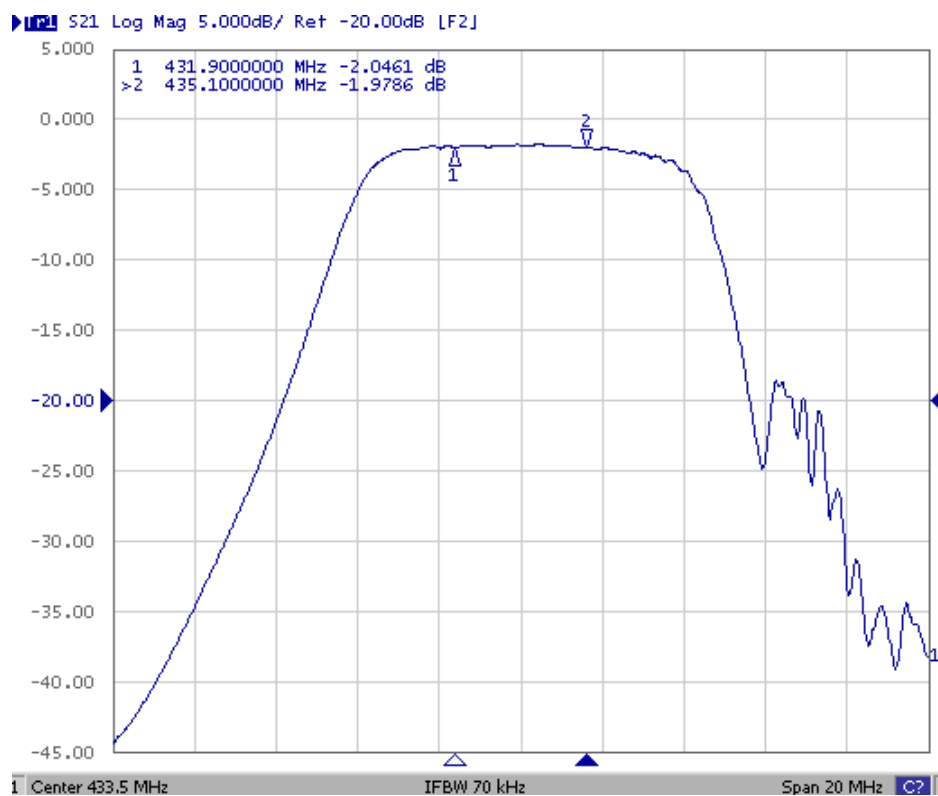
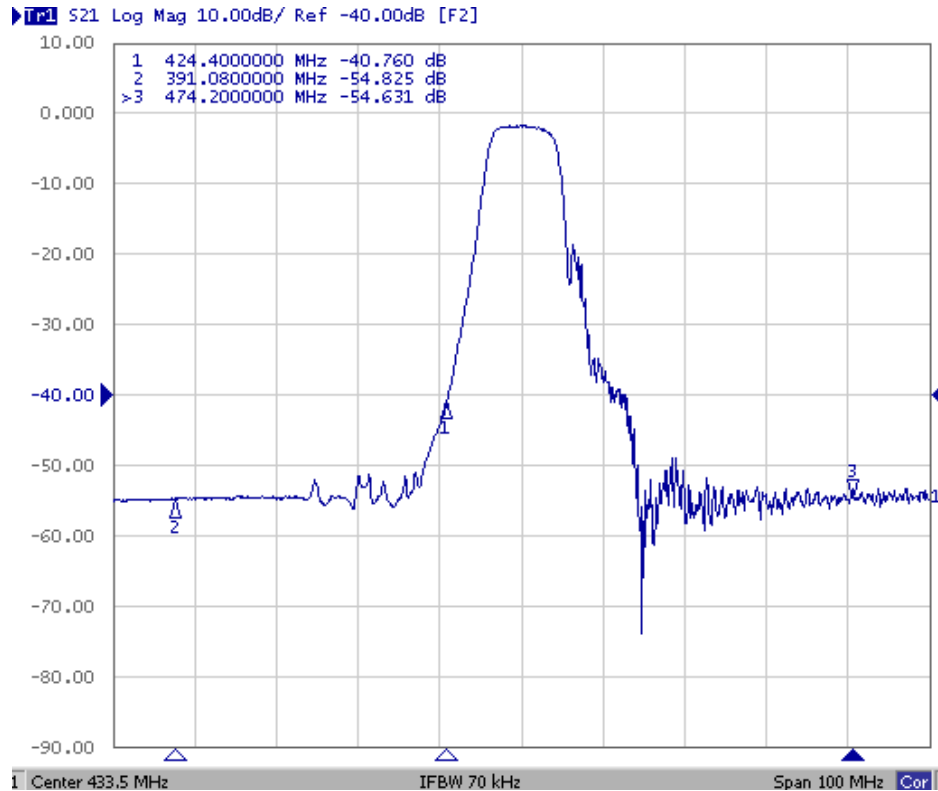


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D. FREQUENCY CHARACTERISTICS:

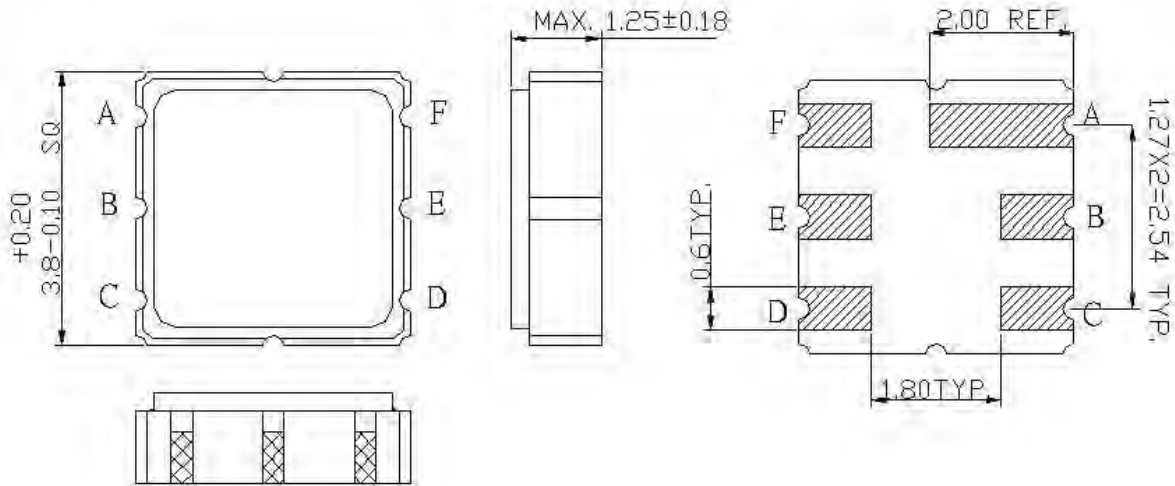
Transfer Function



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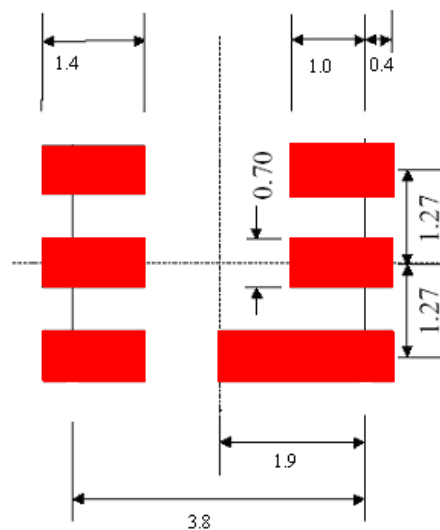
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E. OUTLINE DRAWING:



B: Input
 E: Output
 A, C, D, F: Ground
 Unit: mm

F. PCB FOOTPRINT:

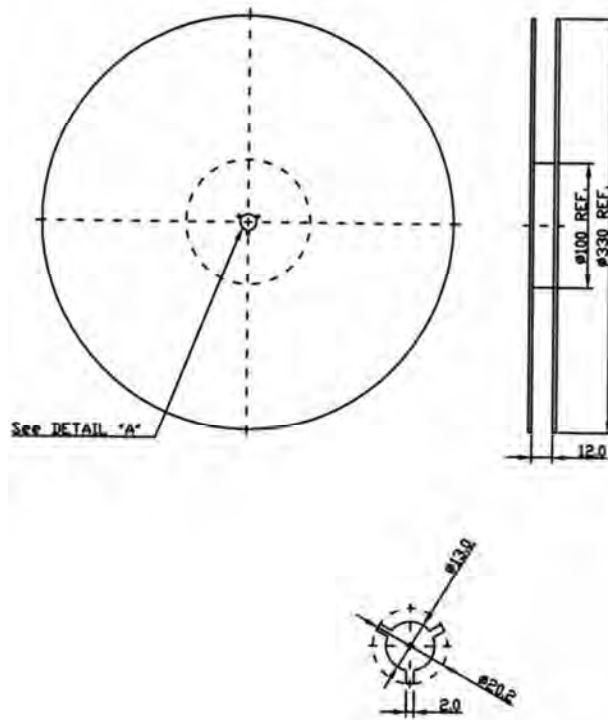


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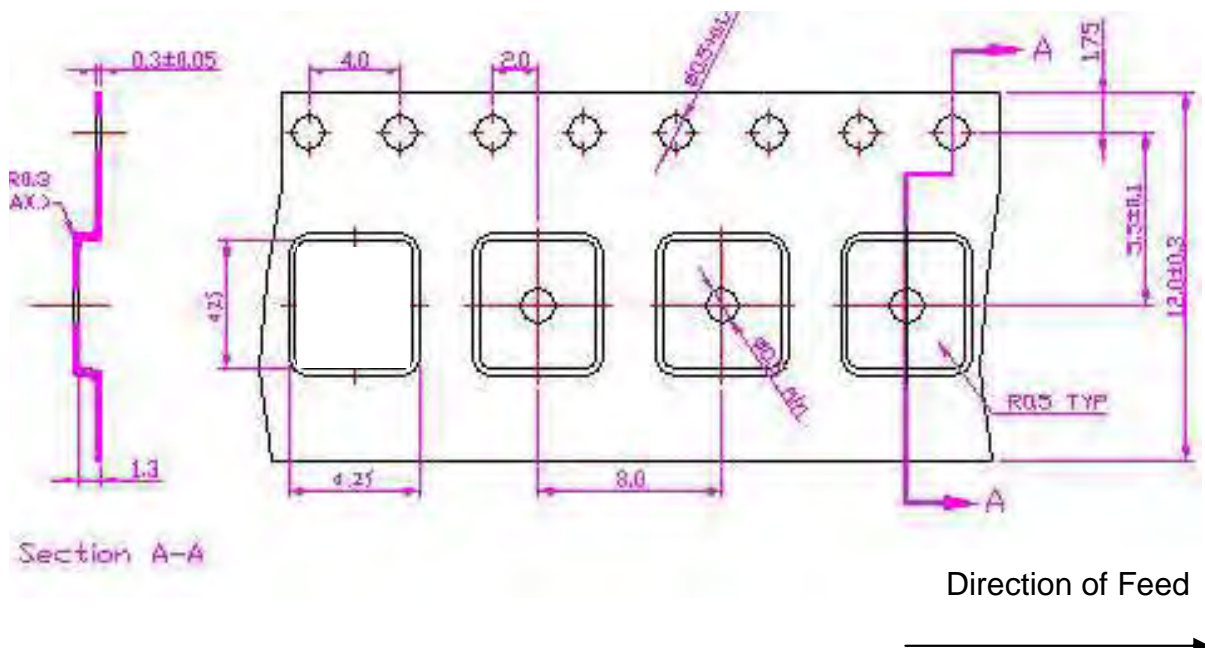
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G. PACKING:

1. Reel Dimension



2. Tape Dimension



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H. RECOMMENDED REFLOW PROFILE:

