

429.250MHz SAW Filter

Model: TA0707A

Part No: MP01686

REV NO.: 1

A. MAXIMUM RATING:

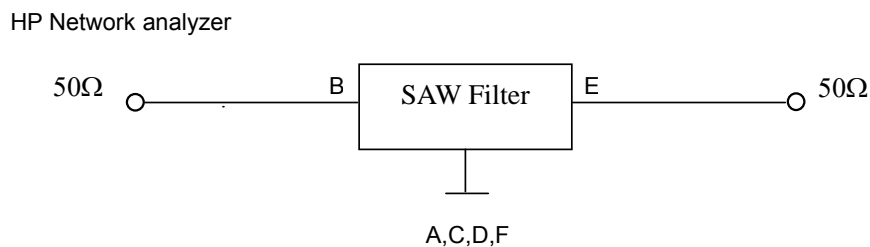
1. Input Power Level: 10 dBm
2. DC voltage: 3 V
3. Operating Temperature: -10°C to 60°C
4. Storage Temperature: -30°C to +85°C

B. CHARACTERISTICS:

Item	Unit	Min.	Typical	Max.
Center frequency Fc	MH	-	429.25	-
Insertion loss Fc±1.0 MHz IL	dB	-	2.0	4.0
Amplitude ripple Fc±1.0 MHz	dB	-	0.5	2.0
Attenuation (Reference level from 0 dB)				
417.1 ~ 420.1 MHz	dB	8	29	-
383.0 ~ 386.8 MHz	dB	45	50	-
471.0 ~ 474.0 MHz	dB	45	51	-
Source impedance Zs	Ω	-	50	-
Load impedance ZL	Ω	-	50	-

Note1. No matching network required for operation at 50Ω

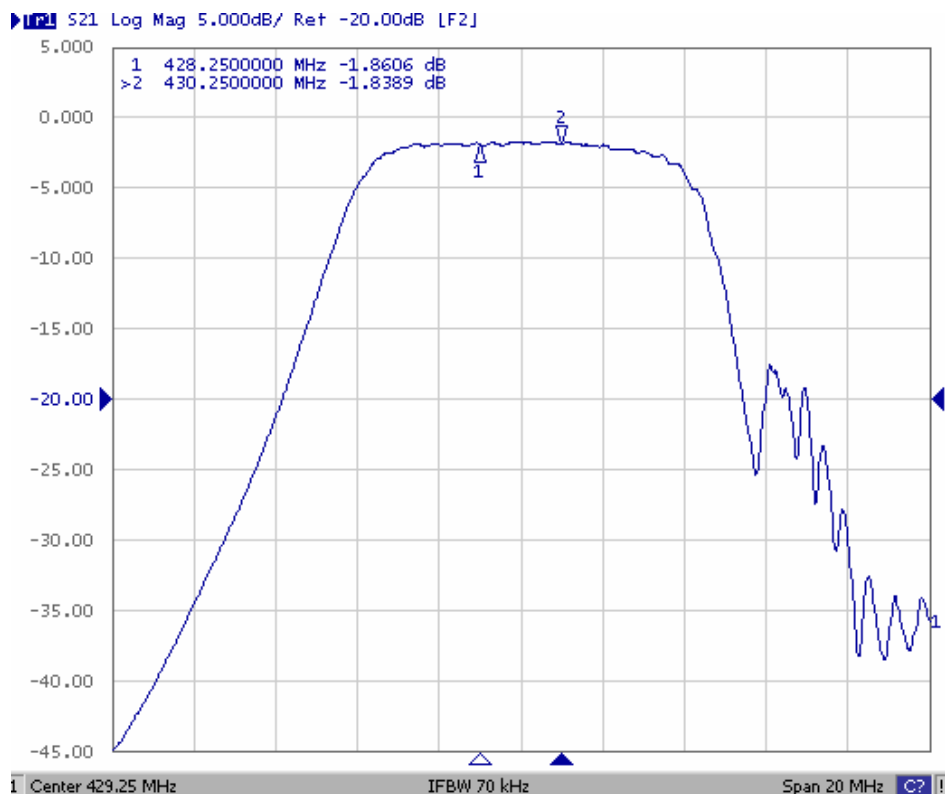
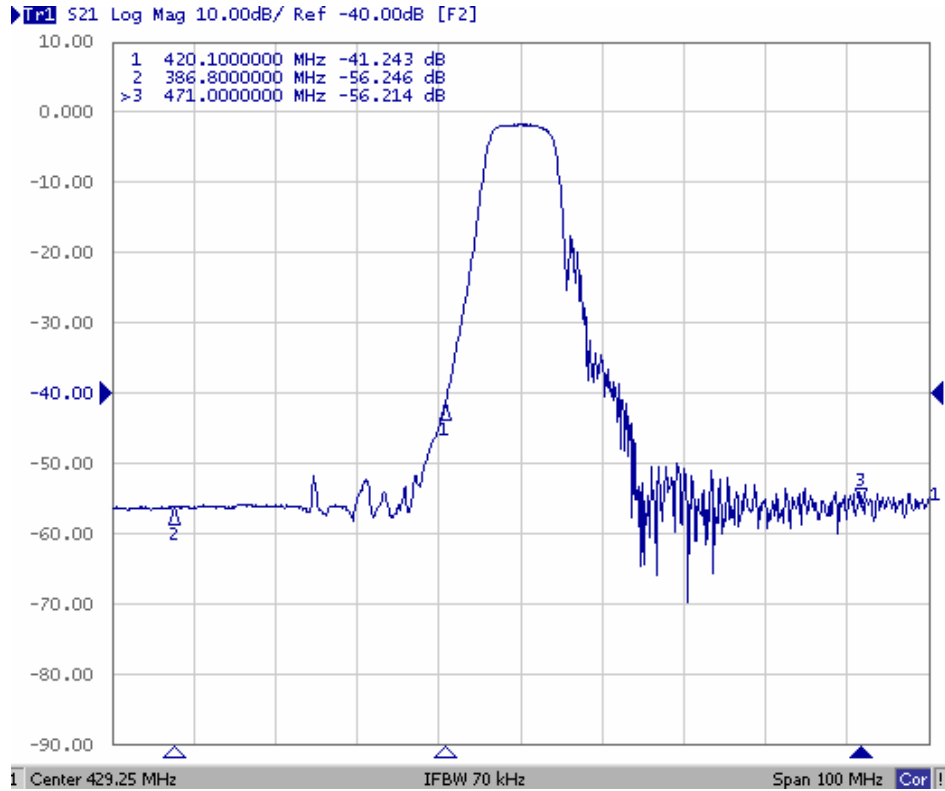
C. MEASUREMENT CIRCUIT:



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D. TRANSFER FUNCTION:



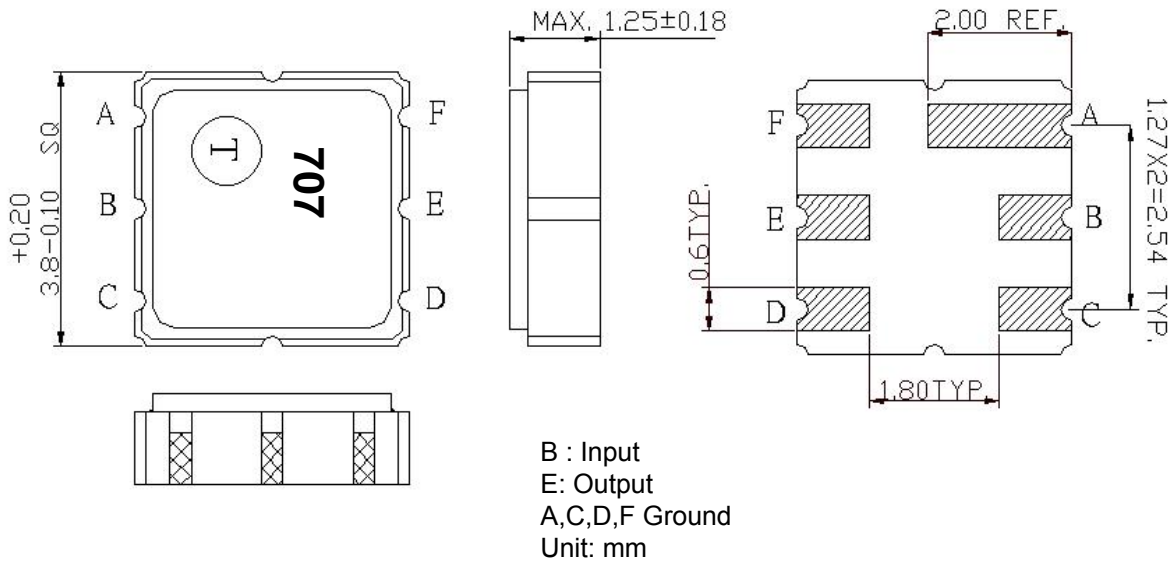
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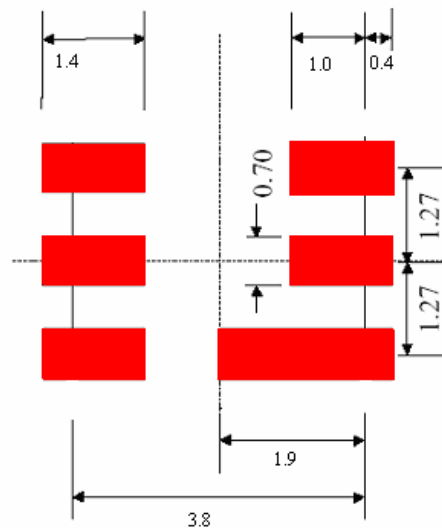
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E. OUTLINE DRAWING:



F. PCB FOOTPRINT:



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H. REFLOW PROFILE

