

SAW Filter 408.0MHz
Part No: MP03989

Model: TA1188A
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 15dBm
2. DC voltage: 3V
3. Operating Temperature: -40°C to 85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MH	-	408	-
Minimum Insertion loss 406 ~ 409MHz IL min	dB	-	1.6	2.5
Passband Ripple 406 ~ 409MHz	dB	-	0.3	1.8
3dB Bandwidth BW -3dB	MHz	3	8	-
Attenuation (Reference level from IL min dB)				
358.5MHz	dB	40	72	-
358.5 ~ 384.0MHz	dB	35	62	-
400.0MHz	dB	10	34	-
415.0 ~ 423.0MHz	dB	5	21	-
423.0 ~ 503.0MHz	dB	40	50	-
Temperature coefficient of frequency	ppm/k	-	-37	-
Source impedance Z _S	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

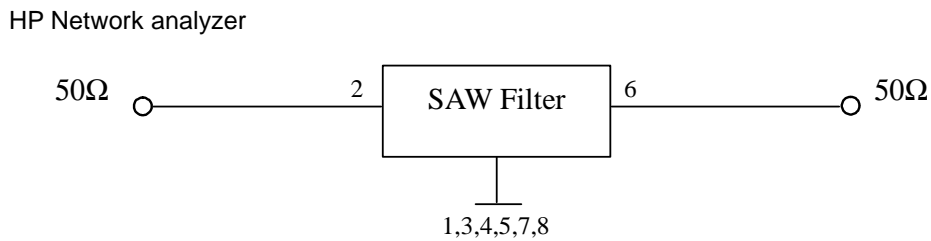
Note 1: IL min is the minimum of the pass band attenuation. The center frequency Fc is the mean value of the upper and lower frequencies at the 3dB filter attenuation level relative to the IL min.

Note 2: The room temperature, Tr, is 25°C. FTC is temperature coefficient of frequency. The nominal frequency at temperature, Tc, may be calculated from $f = FC [1 - FTC (Tr - Tc)]$.

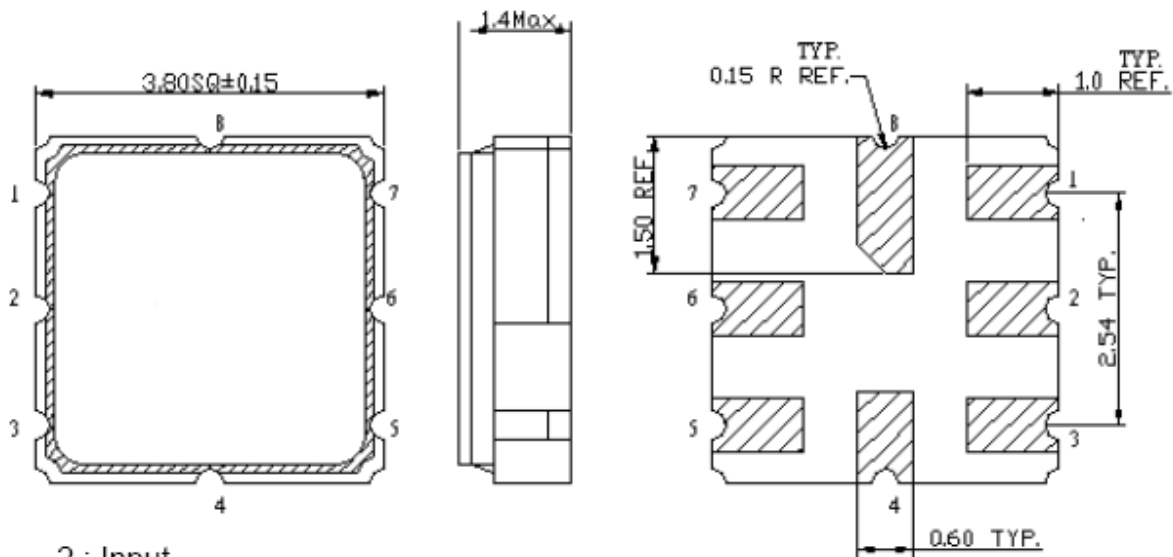
SAW Filter 408.0MHz
Part No: MP03989

Model: TA1188A
Rev No: 1

C. MEASUREMENT CIRCUIT:

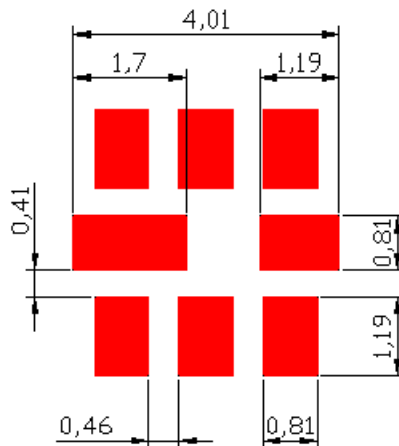


D. OUTLINE DRAWING:



2 : Input
 6: Output
 1,3,4,5,7,8: Ground

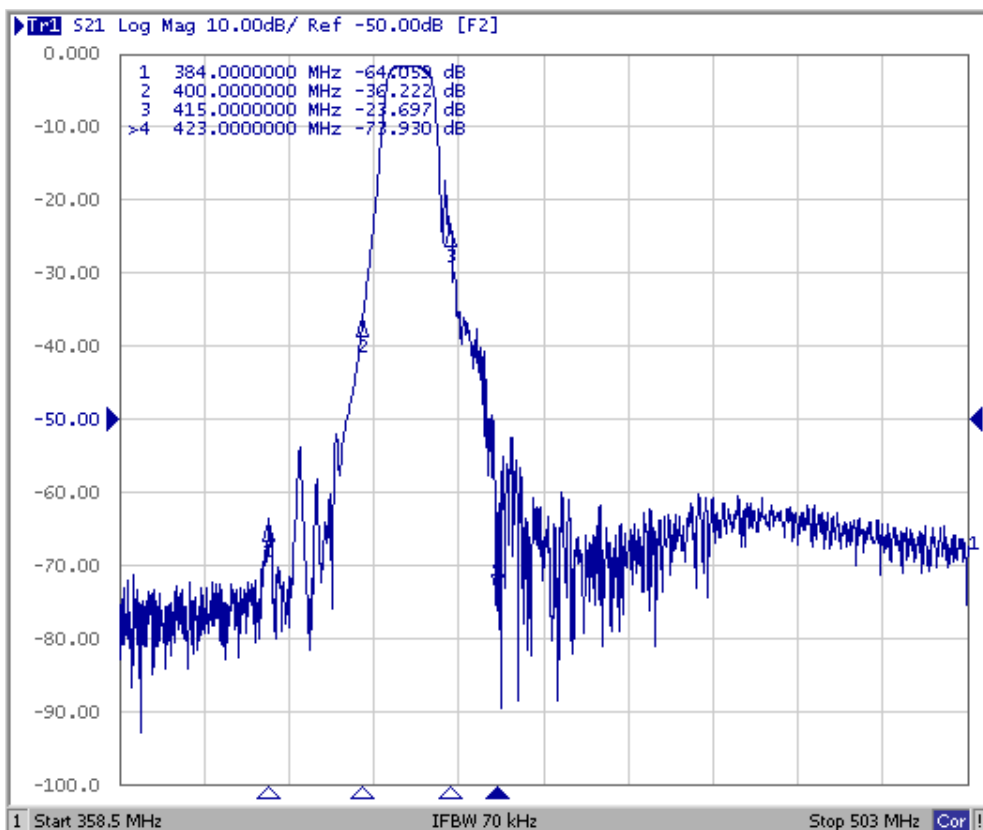
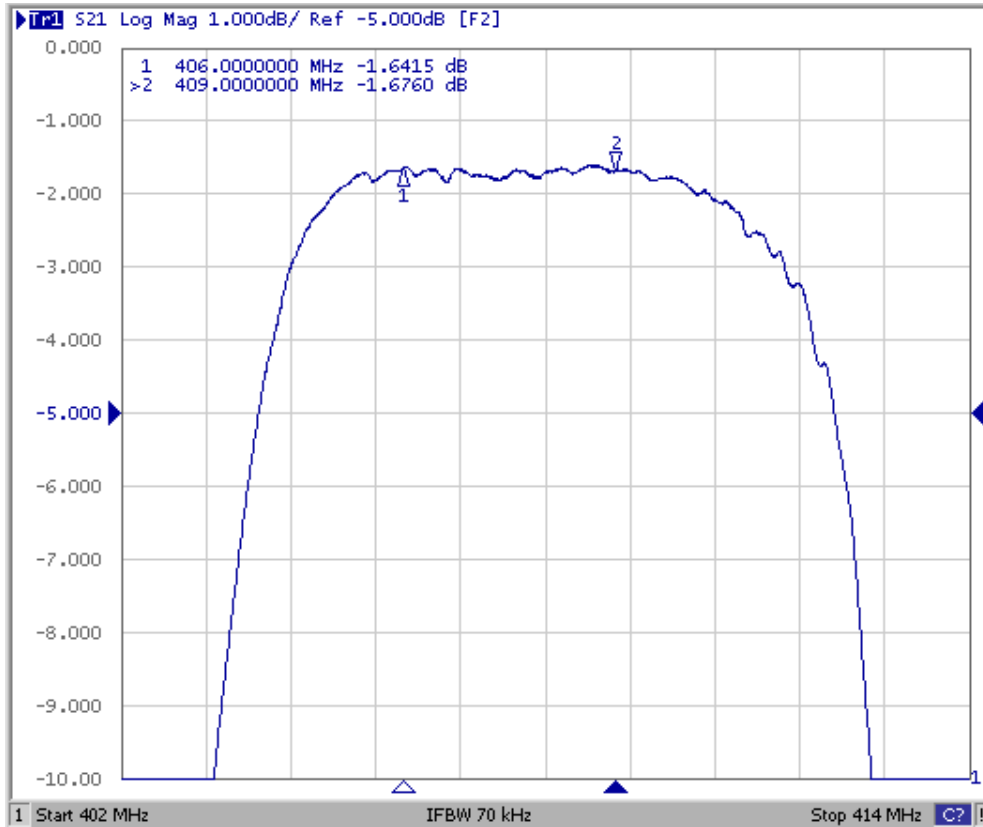
E. PCB FOOTPRINT:



SAW Filter 408.0MHz
Part No: MP03989

Model: TA1188A
Rev No: 1

F. FREQUENCY CHARACTERISTICS:



SAW Filter 408.0MHz
Part No: MP03989

Model: TA1188A
Rev No: 1

H. RECOMMENDED REFLOW PROFILE:

