

FCom SAW FILTER

Series FSF-5050-611M

8-SMD, No Lead 5.0x5.0 mm



Feature

- Standard Package: 5.0*5.0*1.5mm
- 3 dB bandwidth: 7 MHz min.
- Operating temperature: -20°C to +70°C
- RoHS and REACH Compliant , Pb-free

Application

- 611 MHz narrowband RF BPF
- UHF receiver filtering
- Receiver preselector
- Test & measurement filtering

Test conditions: 50 ohm source and load, with direct connections as shown in TA0794B Rev. 1.0.
Device input/output impedance is not specified; table dashes do not indicate a 50 ohm device impedance.
ILmin: minimum passband attenuation. The 3 dB bandwidth is measured relative to ILmin.

ELECTRICAL SPECIFICATIONS

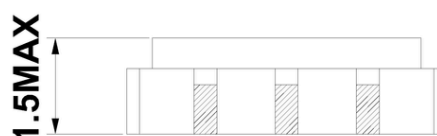
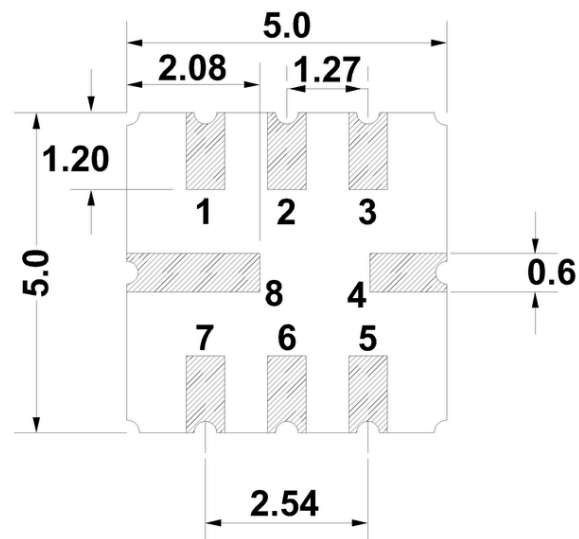
Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	f _c	611.0			MHz	
Insertion Loss	IL		2.3	2.6	dB	
3 dB Bandwidth	BW	7.0	9.8		MHz	
Amplitude Ripple (609.5 ~ 612.5 MHz)	AR		0.4	1.3	dB	
Storage Temperature	T _A	-40		+85	°C	
Input Impedance	-					
Output Impedance	-					

! Typical values are provided for design guidance only. Final production specifications and tolerances are defined in the official test limits and shipment CoC.

DIMENSION(mm)

Pin No.	Description
2	Input/Output
6	Input/Output
1, 3, 5, 7	To Be Ground
4, 8	Case Ground

Please contact FCom for other pin configurations.



FUJI CRYSTAL
PRECISELY ACCURATE

FCom SAW FILTER

Series FSF-5050-616M25

8-SMD, No Lead 5.0x5.0 mm



Feature

- Standard Package: 5.0*5.0*1.5mm
- 2 dB bandwidth: 2.5 MHz min.
- Operating temperature: 0°C to +50°C
- RoHS and REACH Compliant , Pb-free

Application

- 616.25 MHz narrowband RF BPF
- UHF receiver filtering
- Receiver preselector
- Test & measurement filtering

Test conditions: 50 ohm source and load, with direct connections as shown in TA1649A Rev. 1.0.
Device input/output impedance is not specified; table dashes do not indicate a 50 ohm device impedance.
Insertion loss is specified at the center frequency. Bandwidth values refer to the 2 dB bandwidth.

ELECTRICAL SPECIFICATIONS

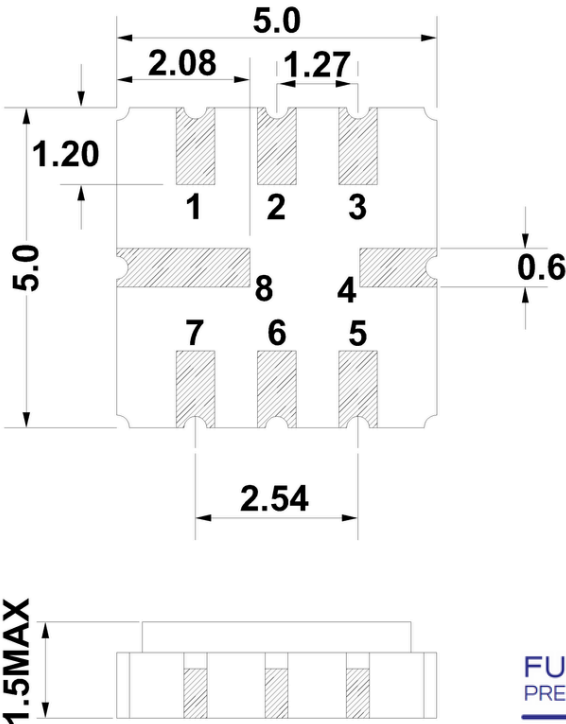
Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	f _c	616.25			MHz	
Insertion Loss at Fc	IL		2.3	3.5	dB	
2 dB Bandwidth	BW	2.5	8.0		MHz	
Amplitude Ripple (615 ~ 617.5 MHz)	AR		0.3	1.5	dB	
Storage Temperature	T _A	-40		+85	°C	
Input Impedance	-					
Output Impedance	-					

Typical values are provided for design guidance only. Final production specifications and tolerances are defined in the official test limits and shipment CoC.

DIMENSION(mm)

Pin No.	Description
2	Input
6	Output
1, 3, 5,7	To Be Ground
4, 8	Case Ground

Please contact FCom for other pin configurations.



FUJI CRYSTAL
PRECISELY ACCURATE

FCom SAW FILTER

Series FSF-5050-618M25

8-SMD, No Lead 5.0x5.0 mm



Feature

- Standard Package: 5.0*5.0*1.5mm
- 2 dB bandwidth: 2.5 MHz min.
- Operating temperature: 0°C to +50°C
- RoHS and REACH Compliant , Pb-free

Application

- 618.25 MHz narrowband RF BPF
- UHF receiver filtering
- Receiver preselector
- Test & measurement filtering

Test conditions: 50 ohm source and load, with direct connections as shown in TA1650A Rev. 1.0.
Device input/output impedance is not specified; table dashes do not indicate a 50 ohm device impedance.
Insertion loss is specified at the center frequency. Bandwidth values refer to the 2 dB bandwidth.

ELECTRICAL SPECIFICATIONS

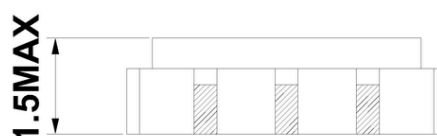
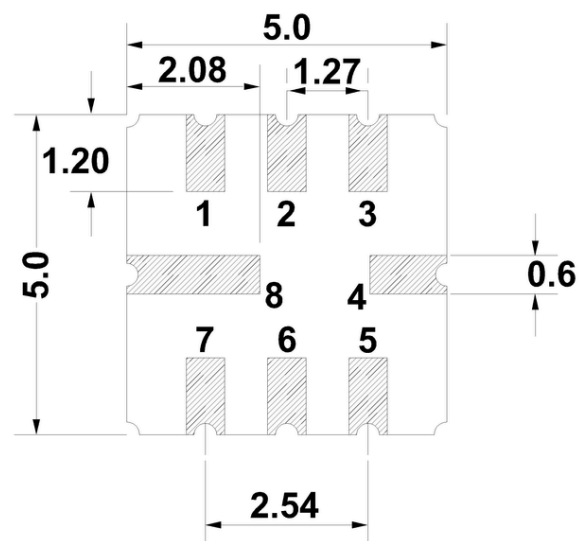
Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	f _c	618.25			MHz	
Insertion Loss at Fc	IL		2.4	3.5	dB	
2 dB Bandwidth	BW	2.5	8.0		MHz	
Amplitude Ripple (617 ~ 619.5 MHz)	AR		0.2	1.5	dB	
Storage Temperature	T _A	-40		+85	°C	
Input Impedance	-					
Output Impedance	-					

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DIMENSION(mm)

Pin No.	Description
2	Input
6	Output
1, 3, 5, 7	To Be Ground
4, 8	Case Ground

Please contact FCom for other pin configurations.



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