

FCom SAW FILTER

Series FSF-5050-149M

8-pad SMD package, 5.0 x 5.0 mm



Features

- Package: 5.0 x 5.0 mm, H 1.5 mm max.
- 2 dB bandwidth: 2.0 MHz min., 2.7 MHz typ.
- Operating temperature: -40 to +85 °C
- RoHS and REACH compliant, lead-free

Applications

- 149 MHz IF filtering in receiver signal chains
- Professional radio receiver IF stages
- Point-to-point microwave downconverters using a 149 MHz intermediate frequency
- Telemetry and data link receivers with a fixed 149 MHz IF
- RF/IF filtering in test and measurement equipment
- Communication and signal-processing systems with a 149 MHz IF

ELECTRICAL SPECIFICATIONS

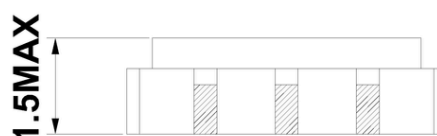
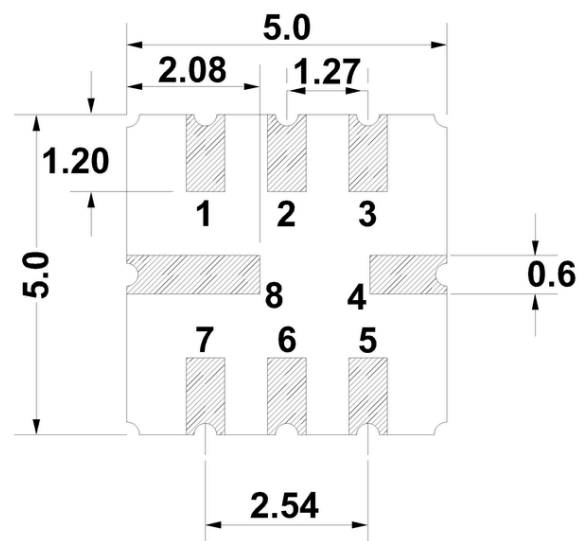
Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	f _c	149.00			MHz	
Insertion Loss	IL		2.0	2.5	dB	
2 dB Bandwidth	BW2	2.0	2.7		MHz	
Amplitude Ripple over f _c ±1.0 MHz	Δa		1.5	1.8	dBp-p	-27.5 to 72.5 °C
Amplitude Ripple over f _c ±1.0 MHz			2.0	2.2		-40 to -27.5 °C, 72.5 to 85 °C
Operating Temperature Range	T _A	-40		+85	°C	
Signal ports	2 and 6 - Input/Output					
Other pinouts	Contact FCom					

! 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	Ground
4, 8	Case Ground

Please contact FCom for other pin configurations.



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PRECISELY ACCURATE