

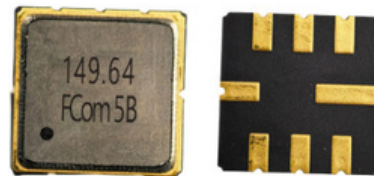
FCom SAW FILTER

Series FSF-5050-149M64

8-pad SMD package, 5.0 x 5.0 mm

Features

- Package: 5.0 x 5.0 mm, H 1.5 mm max.
- Nominal bandwidth: 48 MHz
- Operating temperature: -40 to +85 °C
- RoHS and REACH compliant, lead-free



Applications

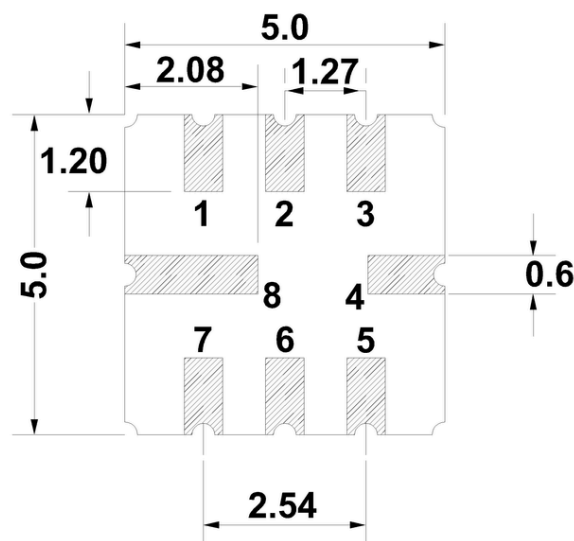
- Broadband IF filtering in receivers and software-defined radio (SDR) systems
- Professional radio and microwave downconversion IF stages
- Telemetry and data link receivers with a fixed 149.64 MHz IF
- Broadband RF/IF test and measurement equipment
- Broadband signal-processing chains requiring 149.64 MHz IF filtering

ELECTRICAL SPECIFICATIONS

Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	f _c	149.64			MHz	
Insertion Loss	IL		15.6	17.0	dB	
Bandwidth - nominal	BW		48		MHz	
Flatness over f _c ±19.54 MHz	△a		0.5	0.7	dBp-p	(25 °C)
Ripple over f _c ±24.42 MHz			0.6	1.2		
Operating Temperature Range	T _A	-40		+85	°C	
Signal ports	2 and 6 - Input/Output					
Other pinouts	Contact FCom					

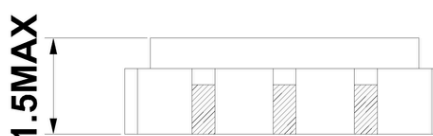
Typical values are provided for design guidance only. Final production specifications and tolerances are defined in the official test limits and shipment CoC.

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