

FCom SAW FILTER

Series FSF-5050-372M5

8-SMD, No Lead 5.0x5.0 mm



Feature

- Standard Package: 5.0*5.0*1.5mm
- 3 dB bandwidth: 670 kHz min.; 1050 kHz typ.
- Operating temperature range: -45 to +120°C
- RoHS and REACH Compliant , Pb-free

Application

RF bandpass filtering at 372.5 MHz
Receiver front-end signal selection
IF filtering with external matching

ELECTRICAL SPECIFICATIONS

Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	fC	-	372.5	-	MHz	Amplitude ripple: Not specified.
Minimum Insertion Loss	ILmin	-	2.5	4.0	dB	
3 dB Bandwidth	BW3	670	1050	-	kHz	Max. input: 10 dBm
Passband Loss (relative to ILmin)	372.34-372.66 MHz	-	1.0	2.0	dB	DC voltage: 0 V
	372.32-372.68 MHz	-	-	3.0	dB	
Operating Temperature Range	TA	-45	-	+120	°C	Storage temp.: -45 to +120°C
Test Source Impedance	50 ohms					Turnover: 25°C typical
Test Load Impedance	50 ohms					

- ! BW₃ and attenuation are relative to IL_{min}; IL_{min} is measured over 372.35-372.65 MHz.
 • 50-ohm test: each port uses a series 47 nH inductor and a shunt 7 pF capacitor on the analyzer side.
 D Device impedances are unspecified. TA0590A uses pins 2/5; FCom uses pins 2/6 as supplied.
 T Confirm matching and production limits with FCom; electrical values follow TA0590A Rev.1.0.

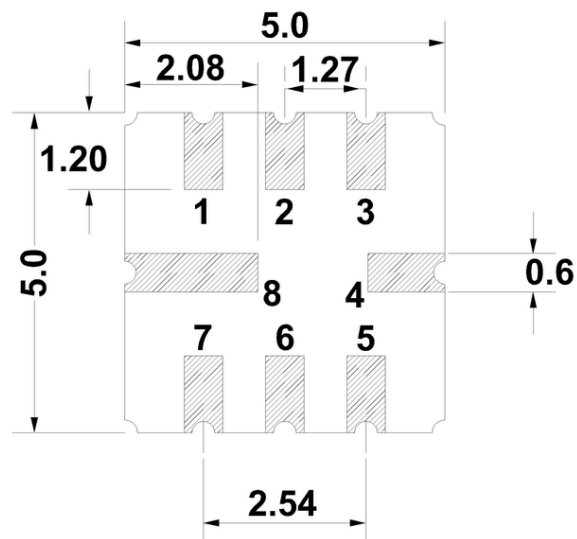
DIMENSION(mm)

Attenuation (relative to IL_{min})

Frequency (MHz)	Min.	Typ.	Unit
10-327	45	51	dB
327-350	40	48	dB
350-369	15	25	dB
375-394	8	12	dB
394-460	35	45	dB
460-1000	45	53	dB

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.



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PRECISELY ACCURATE