

FCom SAW FILTER

Series FSF-5050-886M

8-SMD, No Lead 5.0x5.0 mm



Feature

- Package footprint: 5.0 x 5.0 mm
- Specified passband: 881-891 MHz
- Operating temperature range: -20°C to +70°C
- RoHS and REACH Compliant , Pb-free

Application

- 886 MHz RF bandpass filtering
- UHF signal selection
- Receiver preselector
- Test & measurement filtering

TEST CONDITIONS

Insertion loss and peak-to-peak ripple are specified over 881-891 MHz.
 50-ohm source / load; direct connection as shown in the reference measurement circuit.
 Parameter reference: TA1365A Rev.1.0. Device input / output impedance is not specified.

ELECTRICAL SPECIFICATIONS

Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	fC	-	886	-	MHz	IL and ripple: 881-891 MHz 3 dB bandwidth: Not specified Test terminations: Zs = 50 ohms ZL = 50 ohms p-p = peak-to-peak
Insertion Loss	IL	-	2.5	4.5	dB	
3 dB Bandwidth	BW	-	-	-	MHz	
Amplitude Ripple (p-p)	-	-	1.5	3.5	dB	
Storage Temperature	Tstg	-30	-	+85	°C	
Input Impedance	Not specified					
Output Impedance	Not specified					

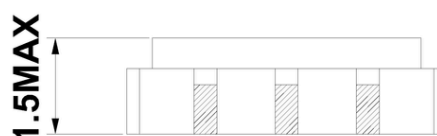
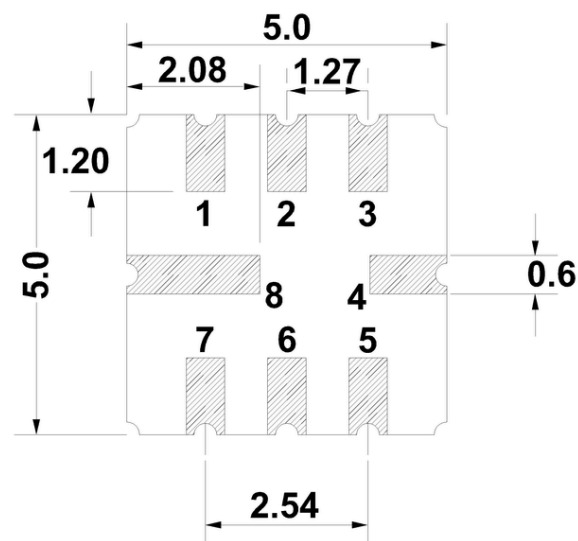
⚠ Typical values are provided for design guidance only. Final production specifications and tolerances are defined in the official test limits and shipment CoC.

DIMENSION(mm)

FCom mechanical template retained.
 Reference height: 1.7 mm max; template: 1.5 mm max.
 Reference letters A-H correspond to numbers 1-8.
 Pin functions follow the p.3 outline and circuit:
 B (2) input; F (6) output; all other pins grounded.
 The p.2 circuit instead labels E as output;
 confirm the pin assignment before PCB layout.

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

Please contact FCom for other pin configurations.



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PRECISELY ACCURATE