

8-SMD, No Lead 5.0x5.0 mm



- Standard Package: 5.0*5.0*1.5mm
- Specified passband: 494-504 MHz
- Operating temperature: -40°C to +85°C
- RoHS and REACH Compliant , Pb-free

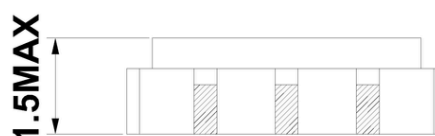
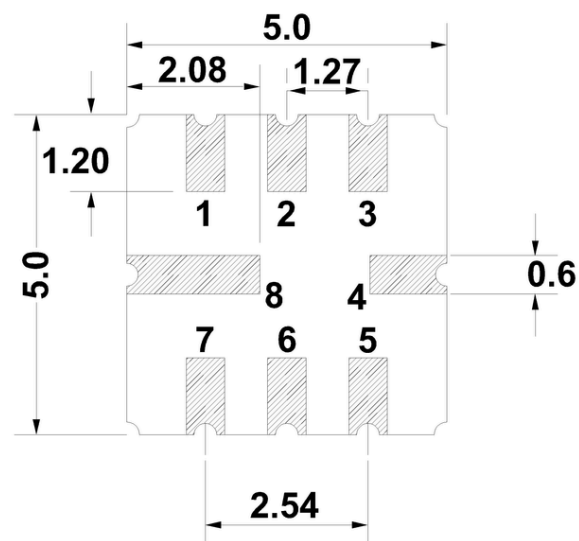
- 499 MHz RF/IF filtering in receiver signal chains
- Band selection over 494-504 MHz in UHF receiver designs
- Filtering in test and measurement front ends

Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	f _c	499.0			MHz	IL and ripple: 494-504 MHz. Test source/load: 50 ohm / 50 ohm. Not device impedances. 3 dB bandwidth: not specified.
Insertion Loss	IL		2.0	4.0	dB	
3 dB Bandwidth	BW		-		MHz	
Amplitude Ripple (494 ~ 504 MHz)	-		0.4	2.0	dB	
Storage Temperature	T _A	-40		+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.

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-5050-499M25

8-SMD, No Lead 5.0x5.0 mm



Feature

- Standard Package: 5.0*5.0*1.5mm
- Ripple test band: 498.75-499.75 MHz
- Operating temperature: -20°C to +70°C
- RoHS and REACH Compliant , Pb-free

Application

- 499.25 MHz RF/IF filtering in receiver signal chains
- Narrowband UHF signal selection and out-of-band suppression
- Filtering in test and measurement front ends

ELECTRICAL SPECIFICATIONS

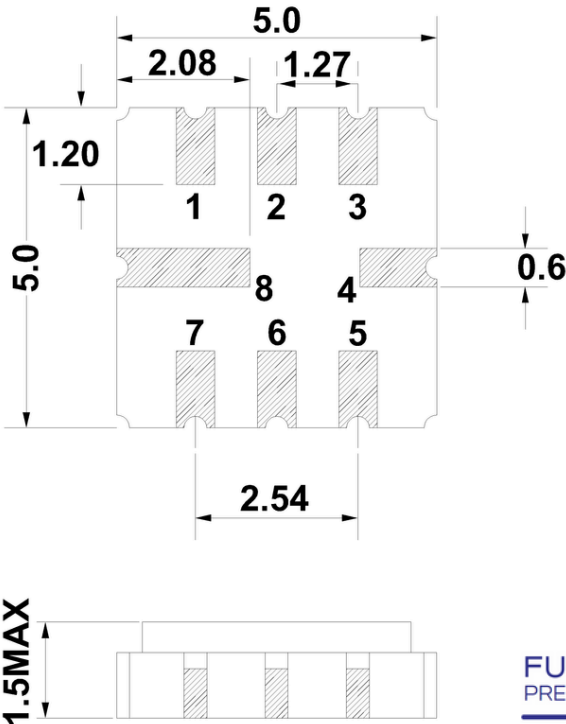
Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	f _C	499.25			MHz	IL: at 499.25 MHz. Ripple: peak to adjacent valley. Test source/load: 75 ohm / 75 ohm. Not device impedances. 3 dB bandwidth: not specified.
Insertion Loss	IL		2.2	5.0	dB	
3 dB Bandwidth	BW		-		MHz	
Amplitude Ripple (499.25 ± 0.5 MHz)	-		0.3	0.75	dB	
Storage Temperature	T _A	-40		+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)

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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