



Application

- RF signal selection at 460 MHz
- Receiver front-end bandpass filtering
- UHF band selection in custom RF designs

Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	f _c	460.0			MHz	
Insertion Loss	ILmin		1.5	3.0	dB	
3dB Bandwidth	BW3	20.0	24.5		MHz	
Passband (relative to ILmin)	-	-	-	-	dB	
Storage Temperature	Tstg	-40		+85	°C	
Input Impedance	-					
Output Impedance	-					

 **DIMENSION(mm)**

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

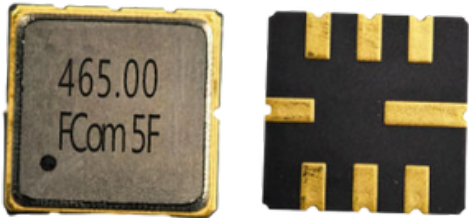
Diagram illustrating a dimension of 1.5MAX for a component with three internal features.

FUJI CRYSTAL
PRECISELY ACCURATE

FCom SAW FILTER

Series FSF-5050-465M

8-SMD, No Lead 5.0x5.0 mm



 Feature

- Package: 5.0 × 5.0 mm; height: 1.5 mm max.
- 2 dB bandwidth: 20 MHz min.; 23.5 MHz typ.
- Operating temperature: 0 to +50°C

 Application

- RF signal selection at 465 MHz
- Receiver front-end bandpass filtering
- UHF band selection in custom RF designs

 ELECTRICAL SPECIFICATIONS

Characteristics	Symbol	Min.	Typ.	Max.	Units	Notes
Center Frequency	f _c	465.0			MHz	
Insertion Loss	ILmin		1.45	2.9	dB	
2dB Bandwidth	BW2	20.0	23.5		MHz	
Passband (relative to ILmin)	-	-	-	-	dB	
Storage Temperature	Tstg	-40		+85	°C	
Input Impedance	-					
Output Impedance	-					

 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)

Insertion loss is ILmin, the minimum passband loss.
2 dB bandwidth is measured relative to ILmin.
No separate passband attenuation limits are specified.
Measurement circuit: 50 Ω source / load; no external matching components are shown. Device input / output impedances are not specified; table entries remain undefined.

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.

