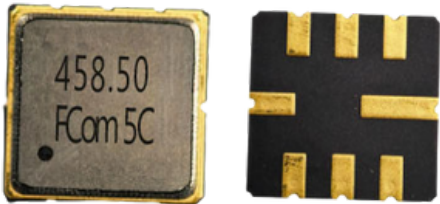


FCom SAW FILTER

Series FSF-5050-458M5

8-SMD, No Lead 5.0x5.0 mm



 Feature

- Package: 5.0 × 5.0 mm; height: 1.5 mm max.
- Specified ripple band: 448-469 MHz
- Operating temperature: -30 to +60°C

 Application

- RF signal selection at 458.5 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 <sub>c</sub> | 458.5 |      |      | MHz   |       |
| Insertion Loss                    | ILmin          |       | 2.0  | 3.5  | dB    |       |
| 3dB Bandwidth                     | BW3            |       | -    |      | MHz   |       |
| Amplitude ripple<br>(448~469 MHz) | -              |       | 0.8  | 2.5  | dB    |       |
| Storage Temperature               | Tstg           | -40   |      | +85  | °C    |       |
| Input Impedance                   | -              |       |      |      |       |       |
| Output Impedance                  | -              |       |      |      |       |       |

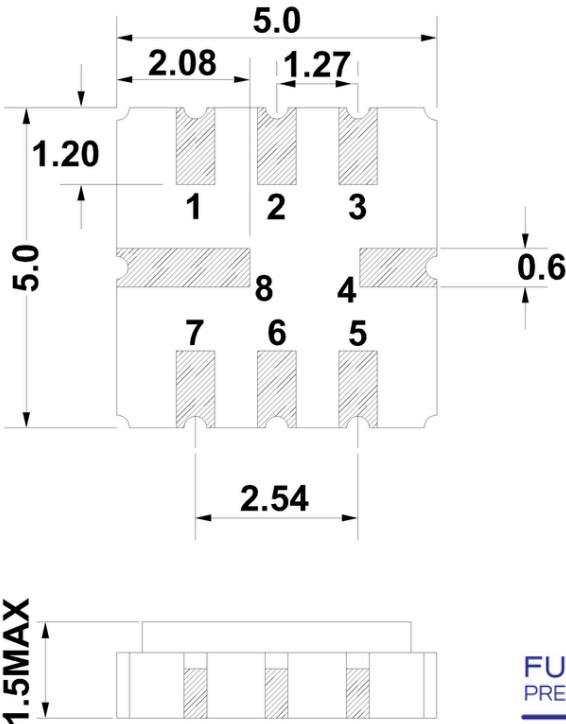
 Typical values are provided for design guidance only. Final production specifications and tolerances are defined in the official test limits and shipment CoC.

 DIMENSION(mm)

Insertion loss is the minimum insertion loss, ILmin.  
The ripple specification applies over 448-469 MHz.  
This 21 MHz interval is not a specified 3 dB bandwidth.  
A 3 dB bandwidth value is not provided.  
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.



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PRECISELY ACCURATE