

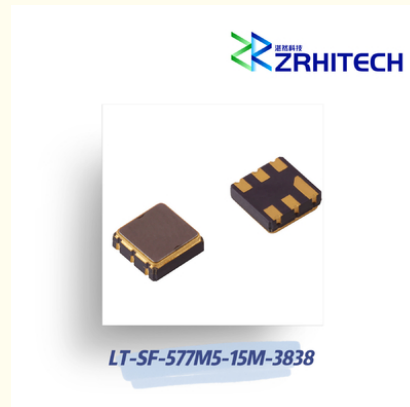
## 577.5MHz RF SAW Band Pass Filter

Our Product Introduction

for more products please visit us on [zrhitech.com](http://zrhitech.com)

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SF-577M5-15M-3838
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



### Product Specification

- Features: High Rejection
- Product Name: LT-SF Series RF SAW Filter
- Application: Wireless Communication
- Material: Aluminum
- Temperature: -40~85°C
- Frequency Range: 570 To 585 MHz
- Color: Silver
- Low Insertion Loss: 1.6 To 2.0 DB
- Highlight: saw voice filter, SAW Filter 577.5MHz,  
577.5MHz SAW Filter

## Product Description

### 577.5MHz LT-SF series RF SAW Band Pass Filter

#### Quick Detail:

- Aluminum Housing
- Customizable Frequency
- -40°C~+85°C Operating Temperature
- Surface Mount Package
- Small Size
- Low Cost
- CE, RoHS, REACH compliant
- 1 Year Warranty

#### Description:

The LT-SF-577M5-15M-3838 from ZR is a Band Pass Filter with Frequency 570 to 585 MHz, Bandwidth 15 MHz, Center Frequency 577.5 MHz, Insertion Loss 1.6 to 2.0 dB, Rejection 15 to 40 dB. Tags: Surface Mount, RF SAW Filter. This filter is widely used in various Wireless Communication. More details for LT-SF-577M5-15M-3838 can be seen below.

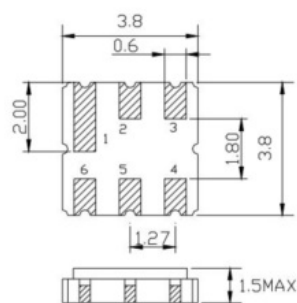
#### Specifications:

##### Electrical / Optical Characteristics (Ta=25°C±3°C)

| Items                            | Specification                | Conditions |
|----------------------------------|------------------------------|------------|
| Part Number                      | LT-SF-577M5-15M-3838         |            |
| Center Frequency                 | 577.5MHz                     |            |
| Insertion Loss                   | -                            |            |
| Insertion Loss(570.00-585.00MHz) | 2.0dB Max.; 1.6dB Typ.       |            |
| Ripple in Bandwidth              | 1.0dB Max.; 1.8dB Typ.       |            |
| Group Delay Variation            |                              |            |
| Input VSWR                       | 2.0 Max.; 1.8 Typ.           |            |
| Output VSWR                      | 2.0 Max.; 1.8 Typ.           |            |
| Attenuation                      | 40dB Min.@DC~535.00MHz       |            |
|                                  | 40dB Min.@700.00-1000.00MHz  |            |
|                                  | 30dB Min.@1500.00-2000.00MHz |            |
|                                  | 15dB Min.@2000.00-3000.00MHz |            |
| Dimension                        | 3.8x3.8x1.5mm                |            |

**Note: for custom specs, please contact us directly.**

#### Outline Drawing (Unit: mm):



| PIN Description |        |
|-----------------|--------|
| 2               | IN     |
| 5               | OUT    |
| 1,3,4,6         | GROUND |

