

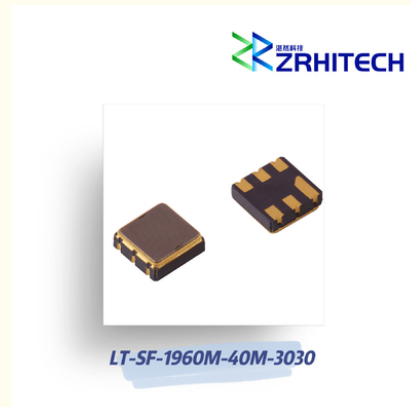
## 1960MHz RF SAW Band Pass Filter

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SF-1960M-40M-3030
- 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: 1940 To 1980 MHz
- Color: Silver
- Low Insertion Loss: 2.2 To 3.0 DB
- Highlight: **1960MHz SAW Filter, RF Rx Saw Filter, saw filter band pass**

## Product Description

### 1960MHz 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-1960M-40M-3030 from ZR is a Band Pass Filter with Frequency 1940 to 1980 MHz, Bandwidth 40 MHz, Center Frequency 1960 MHz, Insertion Loss 2.2 to 3 dB, Rejection 25 to 40 dB. Tags: Surface Mount, RF SAW Filter. This filter is widely used in various Wireless Communication. More details for LT-SF-1960M-40M-3030 can be seen below.

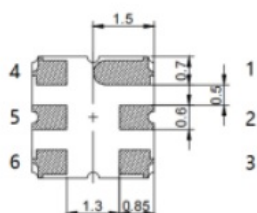
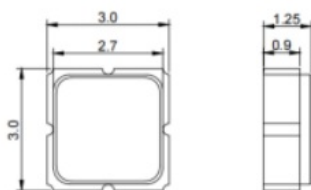
#### Specifications:

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

| Items                              | Specification                | Conditions |
|------------------------------------|------------------------------|------------|
| Part Number                        | LT-SF-1960M-40M-3030         |            |
| Center Frequency                   | 1960MHz                      |            |
| Insertion Loss                     | 2dB Max.; 1.5dB Typ.         |            |
| Insertion Loss(1940.00-1980.00MHz) | 3dB Max.; 2.2dB Typ.         |            |
| Ripple in Bandwidth                | 1.0dB Max.; 0.8dB Typ.       |            |
| Group Delay Variation              | 30ns Max.; 10ns Typ.         |            |
| Input VSWR                         | 2.0:1 Max.; 10ns Typ.        |            |
| Output VSWR                        | 2.0:1 Max.; 10ns Typ.        |            |
| Attenuation                        | 35dB Min.@DC-850MHz          |            |
|                                    | 30dB Min.@850.00-915.00MHz   |            |
|                                    | 30dB Min.@915.00-1880.00MHz  |            |
|                                    | 30dB Min.@2010.00MHz         |            |
|                                    | 40dB Min.@2130.00-2170.00MHz |            |
|                                    | 40dB Min.@2170.00-2400.00MHz |            |
|                                    | 25dB Min.@2500.00-3600.00MHz |            |
| Dimension                          | 3x3x1.25mm                   |            |

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

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



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

