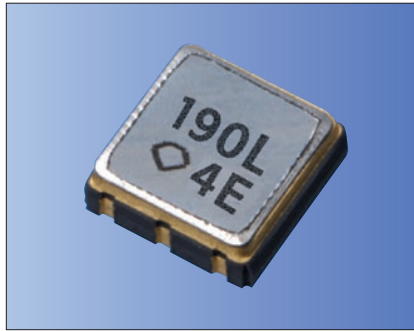


# Surface Acoustic Wave (SAW) Filters IF SAW Filters for W-CDMA SF3030B190M00B04MA00/ SF3838B190M00B04MA00



Pb Free

RoHS Compliant

## Features

- Wide-band IF filter
- Miniature size and light weight
- Excellent phase characteristics
- Balance connection is available

## Standard Frequency

- 190.0MHz

## How to Order

SF 3030 B 190M00 B 04M A00  
① ② ③ ④ ⑤ ⑥ ⑦

- ① Type of Product (SAW Filter)
- ② Package Size (3.0×3.0mm)
- ③ Sealing Type (Seam Weld Type)
- ④ Nominal Frequency (190.00MHz)
- ⑤ Material (Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>)
- ⑥ Pass Bandwidth (4.6MHz)
- ⑦ Customer Special Model Suffix (STD)

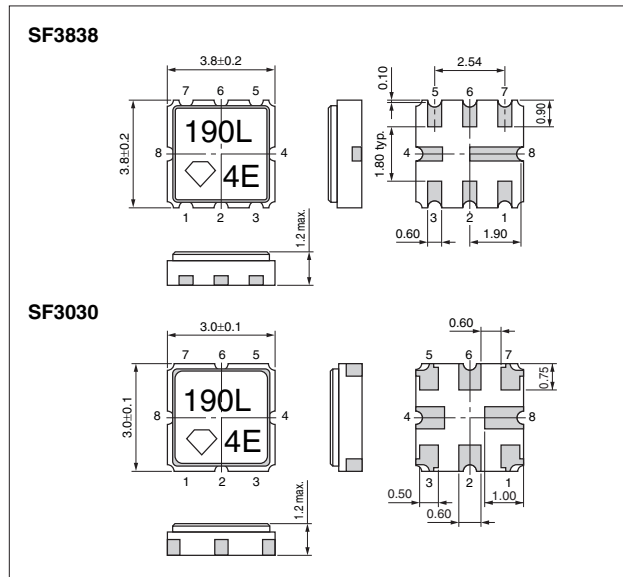
New Part Number	Old Part Number
SF3030B190M00B04MA00	LSFB71-190-004M0
SF3838B190M00B04MA00	LSFB70-190-004M0

## Specifications

Type		SF3030B190M00B04MA00/ SF3838B190M00B04MA00	
Item	Unit	Conditions	Specifications
Nominal Frequency (fo)	MHz	—	190.000
Operating Temperature Range	°C	—	-20 to +85
Storage Temperature Range	°C	—	-40 to +85
Pass Bandwidth	MHz	-3dB	fo±2.3MHz min.
Ripple	dB	fo±2MHz	2 max.
Insertion Loss	dB	fo	7 max.
Guaranteed Attenuation	dB	fo±5 to ±7.5MHz	10 min.
		fo±7.5 to ±12.5MHz	25 min.
		fo±12.5 to ±100MHz	40 min.
Group Delay Deviation	ns	fo±2MHz	100 max.

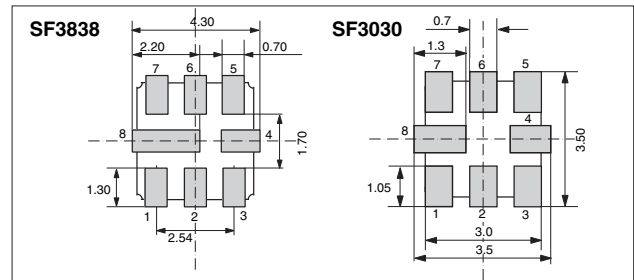
## Dimensions

(Unit: mm)



## Recommended Land Pattern

(Unit: mm)



## Test Circuit

