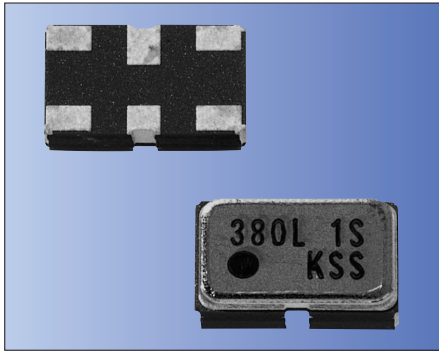


# Surface Acoustic Wave (SAW) Filters

## IF SAW Filters for W-CDMA

### SF5032B190M00B03MA02/ SF5032B380M00B03MA00



RoHS Compliant

### Features

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

### Standard Frequency

- 380MHz
- 190MHz

### How to Order

SF 5032 B 380M00 B 03M A00  
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type of Product (SAW Filter)
- ② Package Size (5.0×3.2mm)
- ③ Sealing Type (Seam Weld Type)
- ④ Nominal Frequency (380MHz)
- ⑤ Material (Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>)
- ⑥ Pass Bandwidth (3.84MHz)
- ⑦ Customer Special Model Suffix (STD)

New Part Number	Old Part Number
SF5032B380M00B03MA00	LSFB54-380-004M0
SF5032B190M00B03MA02	LSFB54-190-004M2

Packaging (Tape & Reel 3000 pcs./ reel)

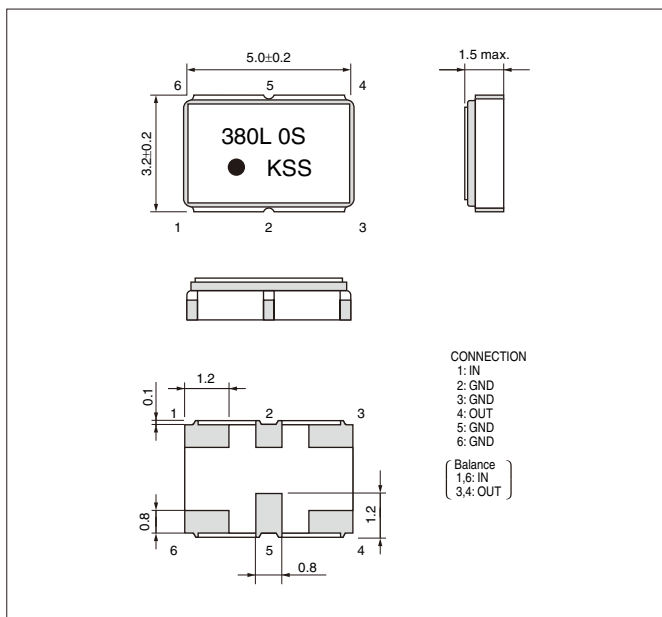
### Specifications

Type		SF5032B190M00B03MA02		SF5032B380M00B03MA00	
Item	Unit	Conditions	Specifications	Conditions	Specifications
Nominal Frequency (fo)	MHz	—	190	—	380
Operating Temperature Range	°C	—	-20 to +75	—	-20 to +75
Storage Temperature Range	°C	—	-40 to +80	—	-40 to +80
Pass Bandwidth	MHz	-3dB	fo±1.92MHz min.	-3dB	-2.5/ +2.8MHz* fo±1.92MHz min.
Ripple	dB	fo±1.92MHz	1.5 max.	fo±1.92MHz	1* 2 max.
Insertion Loss	dB	Minimum Loss	9 max.	Maximum Loss (±1.92MHz)	7* 10 max.
Guaranteed Attenuation	dB	fo±5MHz	20 min.	fo±5MHz	-5/ 35dB*
					+5/ 33dB*
Guaranteed Attenuation	dB	fo±10MHz	40 min.	fo± 10MHz	-10/ 39dB*
					+10/ 55dB*
Group Delay Deviation	ns	fo±1.92MHz	140 max.	fo± 1.92MHz	140* 300 max.

\*: Typ.

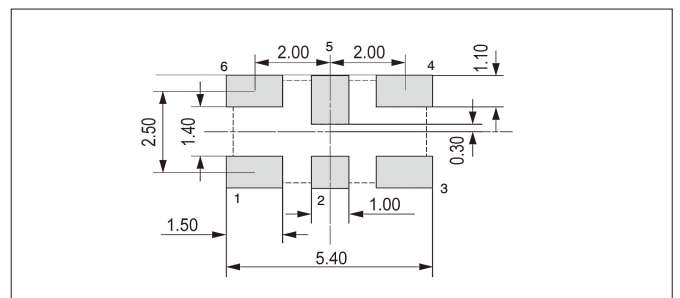
### Dimensions

(Unit: mm)



### Recommended Land Pattern

(Unit: mm)



### Test Circuit

