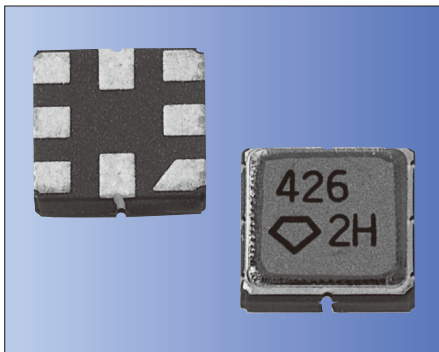


# Surface Acoustic Wave (SAW) Filters

## 400MHz Band SAW Filters for Low Power Radio Communications



SF3535B426M54B800A00/ SF3838B426M07C080A00/ SF3535B429M55B800A00/ SF3838B429M17C080A00/ SF3838B440M20B400A00/ SF7050B469M18B01MA00



Ph Free

RoHS Compliant

### Features

- RF filter for transmitter and receiver
- For low power radio communications
- Miniature size and light weight

### Application

- Engine starter
- Transceiver
- Pager
- Wireless communication

### How to Order

SF 3535 B 426M54 B 800 A00  
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type of Product (SAW Filter)
- ② Package Size (3.5×3.5mm)
- ③ Sealing Type (Seam Weld Type)
- ④ Nominal Frequency (426.54MHz)
- ⑤ Material (Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>)
- ⑥ Pass Bandwidth (800kHz)
- ⑦ Customer Special Model Suffix (STD)

### Standard Frequency

Nominal Frequency (MHz)	New Part Number	Old Part Number	Remarks
426.54	SF3535B426M54B800A00	LSFB44-426-800K0	Middle Band Width
426.075	SF3838B426M07C080A00	MSFB19-426-080K0	Ultra Narrow Band Width
429.55	SF3535B429M55B800A00	LSFB44-429-800K0	Middle Band Width
429.175	SF3838B429M17C080A00	MSFB19-429-080K0	Ultra Narrow Band Width
440.2	SF3838B440M20B400A00	LSFB19-440-400K0	—
469.1875	SF7050B469M18B01MA00	LSFB20-469-001M0	—

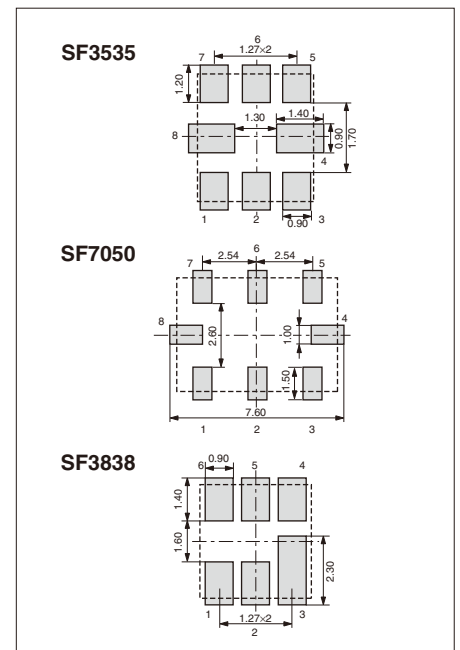
### Specifications (Example)

Item	Unit	Conditions	SF3535B426M54B800A00 Specifications
Nominal Frequency (fo)	MHz	—	426.54
Operating Temperature Range	°C	—	-10 to +60
Storage Temperature Range	°C	—	-30 to +70
Ripple	dB	fo±400kHz	0.4* 1.5 max.
Insertion Loss	dB	fo±400kHz	2.8* 3.5 max.
Guaranteed Attenuation	dB	(fo-21.4) ±400kHz	60* 50 min.
Terminating Impedance	Ω	—	50 Typical

\*: Typ.

### Recommended Land Pattern

(Unit: mm)



### Dimensions

(Unit: mm)

