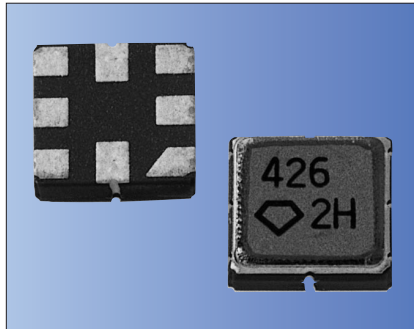


Surface Acoustic Wave (SAW) Filters

400MHz Band SAW Filters for Low Power Radio Communications



SF3535B426M54B800A00/ SF3838B426M07C080A00/ SF3535B429M55B800A00/ SF3838B429M17C080A00/ SF3838B440M20B400A00/ SF7050B469M18B01MA00



Pb 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 (Li₂B₄O₇)
- ⑥ Pass Bandwidth (800kHz)
- ⑦ Customer Special Model Suffix (STD)

Standard Frequency

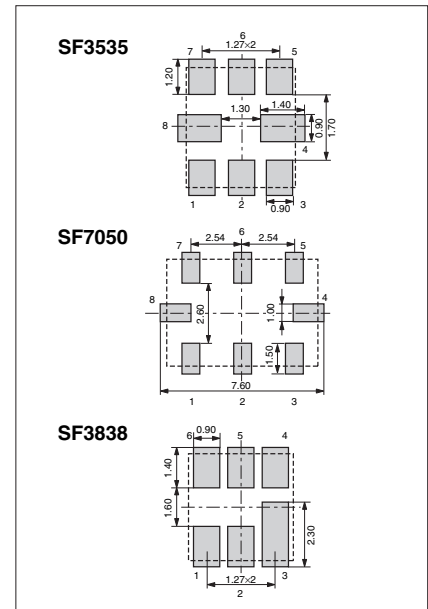
Nominal Frequency (MHz)	New Part Number	Old Part Number	Remarks
426.54	SF3535B426M54B800A00	LSFB44-426-800K0	Middle Band Width
426.075	SF3838B426M07C080A00	MSFB19-426-080K0	Ultra Narrow Band Width
429.55	SF3535B429M55B800A00	LSFB44-429-800K0	Middle Band Width
429.175	SF3838B429M17C080A00	MSFB19-429-080K0	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)

