



Surface Acoustic Wave (SAW) Filters

200MHz Band SAW Filters for PHS

SF3535B243M95B220A00



RoHS Compliant

Features

- IF filter for PHS
- Miniature size and light weight

Standard Frequency

- 243.95MHz

How to Order

SF 3535 B 243M95 B 220 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 (243.95MHz)
- ⑤ Material (Li₂B₄O₇)
- ⑥ Pass Bandwidth (220kHz)
- ⑦ Customer Special Model Suffix (STD)

New Part Number	Old Part Number
SF5353B243M95B220A00	LSFB44-243-220K0

Packaging (Tape & Reel 1000 pcs./ reel)

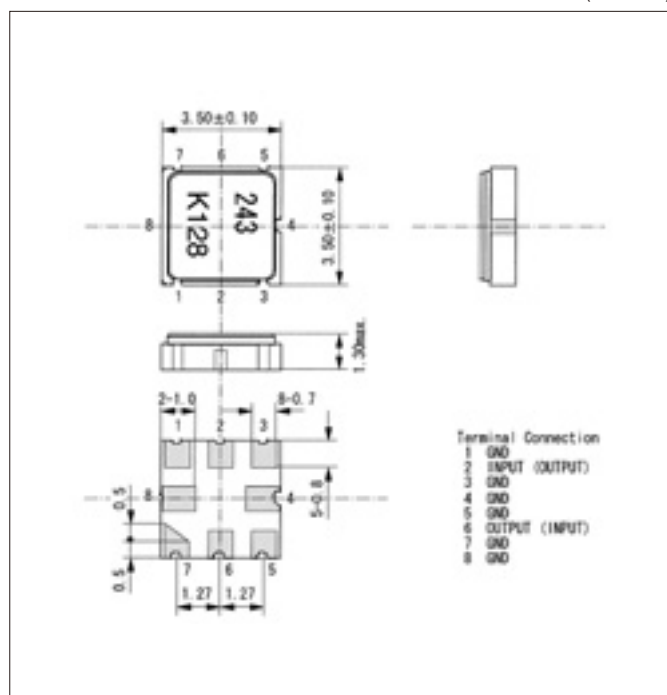
Specifications

Item	Unit	Conditions	Specifications	
Nominal Frequency (fo)	MHz	—	243.95	
Operating Temperature Range	°C	—	-10 to +60	
Storage Temperature Range	°C	—	-35 to +85	
Ripple	dB	fo±110kHz	0.5*	1.5 max.
Insertion Loss	dB	Minimum Loss	2.7*	5 max.
Guaranteed Attenuation	dB	fo±0.6MHz	-0.6/ 40*	25 min.
			+0.6/ 35*	
		fo±1.2MHz	-1.2/ 45*	40 min.
			+1.2/ 42*	
Group Delay Deviation	μsec	fo-21.6MHz	70*	60 min.
		fo±110kHz	0.4*	1.2 max.

*: Typ.

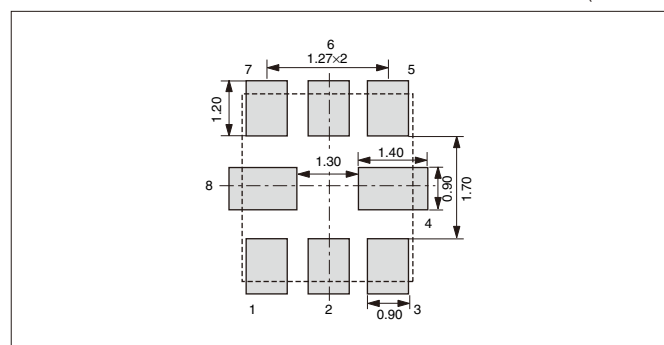
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Test Circuit

