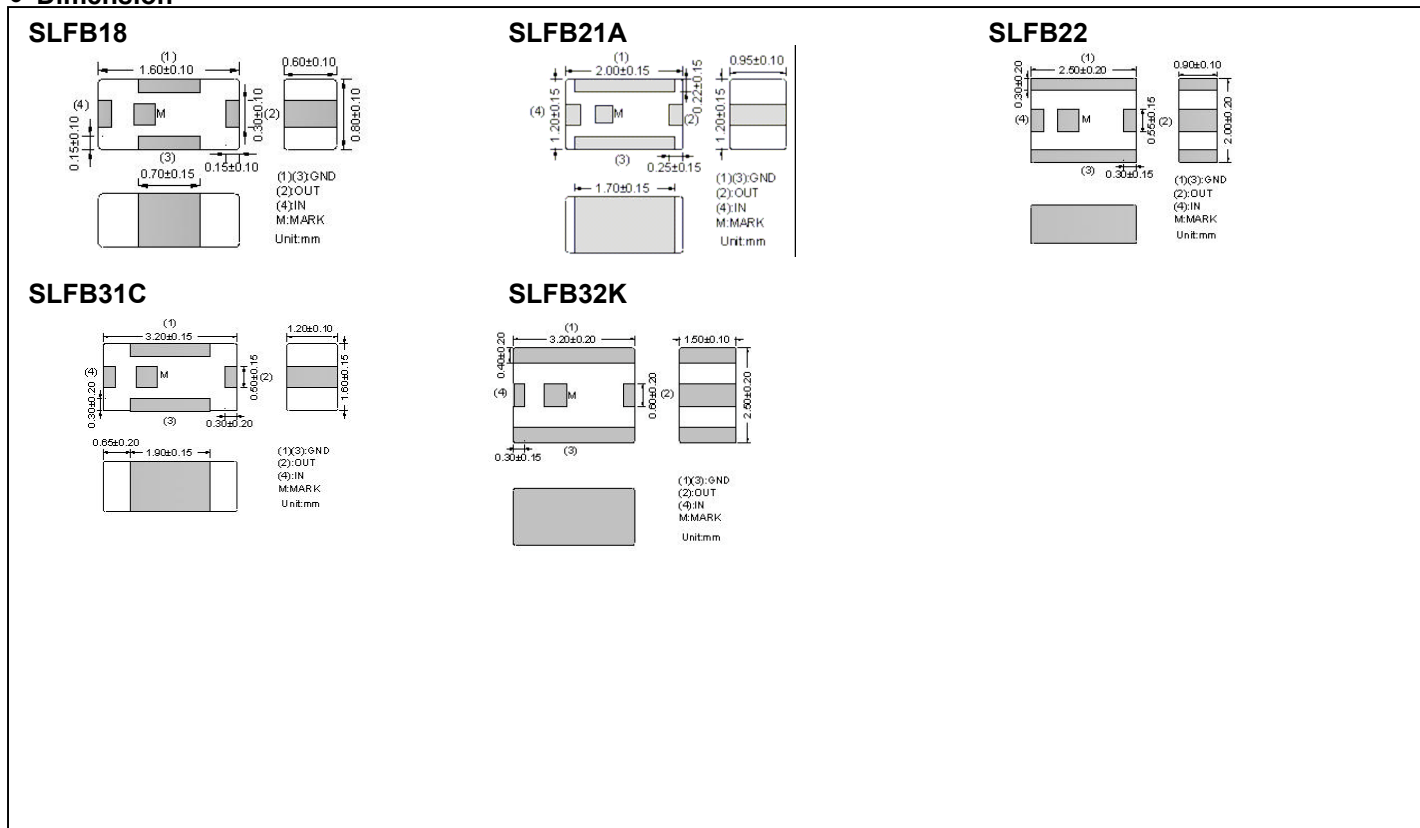




### Multilayer Chip LC Filter (Band Pass, SLFB Series)

#### • Dimension



#### • Features

- Low insertion loss and high attenuation
- Internal shielding
- Excellent solderability
- Operating temperature:  
SLFB Series: -40°C to +85°C

#### • Applications

- Telecom equipment
- Bluetooth®, WLAN
- Consumer electronics i.e. DVD players

#### • Part Number Identification

**SLFB**   **32**   **-2R450G**   **-F1**   **I**   **F**  
 (1)   (2)   (3)   (4)   (5)   (6)

(1)

Product ID	
SLFB	Bandpass LC filter

(2)

Dimensions (L x W, mm)	
32 [1210]	3.2 x 2.5
31 [1206]	3.2 x 1.6
22 [1008]	2.5 x 2.0
21 [0805]	2.0 x 1.2
18 [0603]	1.6 x 0.8

(3)

Center Frequency	
Example	Nominal Value
2R450G	2450MHz

(4)

Series
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(5)

Packing Type	
B	Bulk packing
T	Tape & reel packing

(6)

Hazardous Substance Free Products
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### ● SLFB18 Series

Part Number	Center Frequency	Bandwidth	Insertion Loss in Bandwidth (max. at 25°C)	Attenuation	Thickness
Unit	MHz	MHz	dB	dB	mm
Symbol	f <sub>0</sub>	BW	IL	-	T
SLFB18-2R450G-02	2450.0	f <sub>0</sub> ±50.0	2.2	24dB min. at 880~960MHz	0.60±0.10
				20dB min. at 1710~1990MHz	
				15.5dB min. at 4800~5000MHz	
				19.5dB min. at 7200~7500MHz	

- For other specifications, please consult with our sales representatives for details.

### ● SLFB21A Series

Part Number	Center Frequency	Bandwidth	Insertion Loss in Bandwidth (max. at 25°C)	Attenuation	Thickness
Unit	MHz	MHz	dB	dB	mm
Symbol	f <sub>0</sub>	BW	IL	-	T
SLFB21-2R450G-03	2450.0	f <sub>0</sub> ±50.0	1.7	30.0dB Min. at 900MHz	0.95±0.10
				20.0dB Min. at 1850MHz	
				30.0dB Min. at 4800MHz	

- For other specifications, please consult with our sales representatives for details.

### ● SLFB22 Series

Part Number	Center Frequency	Bandwidth	Insertion Loss in Bandwidth (max. at 25°C)	Attenuation	Thickness
Unit	MHz	MHz	dB	dB	mm
Symbol	f <sub>0</sub>	BW	IL	-	T
SLFB22-2R450G-A1	2450.0	f <sub>0</sub> ±50.0	1.7	25dB Min. at 1750MHz	0.90±0.10
				11dB Min. at 2100MHz	
				22dB Min. at 4800~5000MHz	
				20dB Min. at 7200~7500MHz	
				25dB Min. at 4380~8000MHz	

- For other specifications, please consult with our sales representatives for details.

### ● SLFB31C Series

Part Number	Center Frequency	Bandwidth	Insertion Loss in Bandwidth (max. at 25°C)	Attenuation	Thickness
Unit	MHz	MHz	dB	dB	mm
Symbol	f <sub>0</sub>	BW	IL	-	T
SLFB31-2R450G-C5	2450.0	f <sub>0</sub> ±50.0	2.5	40dB Min. at 900~928MHz	
				30dB Min. at 1200~1800MHz	
				25dB Min. at 2100MHz	
				35dB Min. at 4800~50060MHz	
				40dB Min. at 7200~7500MHz	

- For other specifications, please consult with our sales representatives for details.

### ● SLFB32K Series

Part Number	Center Frequency	Bandwidth	Insertion Loss in Bandwidth (max. at 25°C)	Attenuation	Thickness
Unit	MHz	MHz	dB	dB	mm
Symbol	f <sub>0</sub>	BW	IL	-	T
SLFB32-2R450G-K5	2450.0	f <sub>0</sub> ±50.0	1.8	48dB Min. at 902~928 MHz	
				50dB Min. at 1500~1550MHz	
				12dB Min. at 2150~2200 MHz	
				30B Min. at 4800~-5000 MHz	

- For other specifications, please consult with our sales representatives for details.