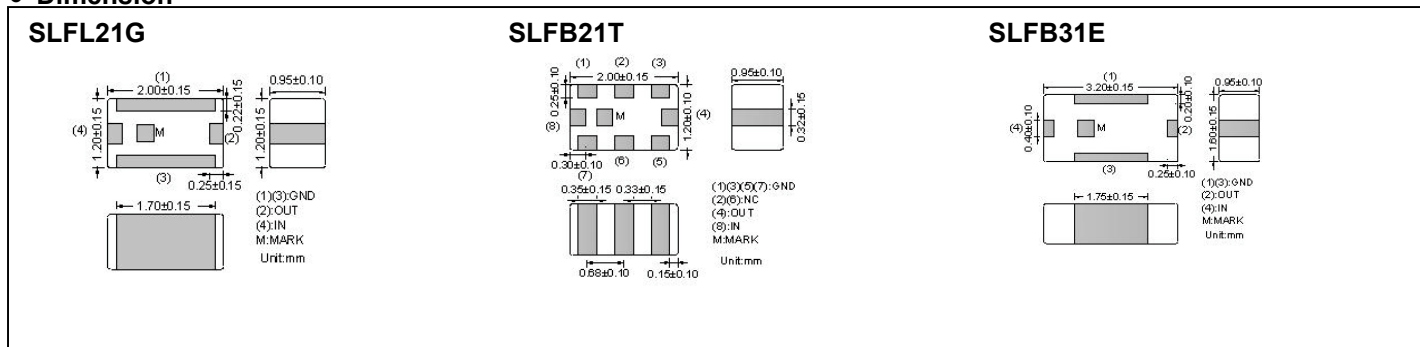




Multilayer Chip LC Filter (Low Pass, SLFL Series)

• Dimension



• Features

- Low insertion loss
- Internal shielding
- Excellent solderability
- SMD chip balun based on LTCC technology
- Operating temperature:
SLFL Series: -40°C to +85°C

• Applications

- Mobile phones
- Bluetooth®, WLAN, GPS
- Cordless telephones, transceivers

• Part Number Identification

SLFL **31** **-2R450G** **-E1** **I** **F**
 (1) (2) (3) (4) (5) (6)

(1)

Product ID	
SLFL	Low Pass LC Filter

(2)

Dimensions (L x W, mm)	
31 [1206]	3.2 x 1.6
21 [0805]	2.0 x 1.2

(3)

Center Frequency	
Example	Nominal Value
0R847G	847.5MHz
2R450G	2450.0MHz

(4)

Series

(5)

Packing Type	
B	Bulk packing
T	Tape & reel packing

(6)

Hazardous Substance Free Products



● SLFL21G/T Series

Part Number	Center Frequency	Bandwidth	Insertion Loss in Bandwidth (max. at 25°C)	Attenuation	Thickness
Unit	MHz	MHz	dB	dB	mm
Symbol	f ₀	BW	IL	-	T
SLFL21-0R847G-G1	847.5	f ₀ ±37.5	0.75	30dB Min. at 2x(f ₀ ±37.5)MHz	0.95±0.10
				30dB Min. at 3x(f ₀ ±37.5)MHz	
SLFL21-0R847G-G2	902.5	f ₀ ±12.5	0.60	30dB Min. at 2x(f ₀ ±12.5)MHz	
				30dB Min. at 3x(f ₀)MHz	
SLFL21-1R441G-G3	1441.0	f ₀ ±12.0	0.47	31dB Min. at (2x f ₀)MHz	
				26dB Min. at (3x f ₀)MHz	
SLFL21-1R795G-G4	1795.0	f ₀ ±85.0	0.47	30dB Min. at 2x(1747.5±37.5)MHz	
				25dB Min. at 2x(1842.5±37.5)MHz	
				25dB Min. at 3x(1747.5±37.5)MHz	
				20dB Min. at 3x(1842.5±37.5)MHz	
SLFL21-1R890G-G5	1890.0	f ₀ ±10.0	0.47	30dB Min. 2x (f ₀ ±10.0) MHz	
				26dB Min. 3x (f ₀ ±10.0) MHz	
SLFL21-1R907G-G6	1907.0	f ₀ ±12.5	0.47	30dB Min. 2x (f ₀ ±12.5) MHz	
				25dB Min. 3x (f ₀ ±12.5) MHz	
SLFL21-1R920G-G7	1920.0	f ₀ ±70.0	0.60	24dB Min. at 3335~3700MHz	
				30dB Min. at 3700~3820MHz	
				25dB Min. at 3820~6000MHz	
SLFL21-2R450G-G8	2450.0	f ₀ ±50.0	0.50	27dB Min. at 2x(f ₀ ±50.0)MHz	
				30dB Min. at 3x(f ₀ ±50.0)MHz	
				30dB Min. at 4x(f ₀ ±50.0)MHz	
SLFL21-2R450G-G9	902.5	f ₀ ±50.0	0.50	27dB Min. at (2x f ₀)MHz	
				25dB Min. at (3x f ₀)MHz	
				25dB Min. at (4x f ₀)MHz	
SLFL21-5R787G-T1	5787.5	f ₀ ±62.5	0.70	30dB Min. at 2x(f ₀ ±62.5)MHz	
				30dB Min. at 3x(f ₀ ±62.5)MHz	

● SLFL21G/T Series

Part Number	Center Frequency	Bandwidth	Insertion Loss in Bandwidth (max. at 25°C)	Attenuation	Thickness
Unit	MHz	MHz	dB	dB	mm
Symbol	f ₀	BW	IL	-	T
SLFL31-2R450G-E1	2441.5	f ₀ ±41.5	0.60	30dB Min. at (2x f ₀)MHz	0.95±0.10
				18dB Min. at (2x f ₀)MHz	