

Multilayer Chip Balanced Filter – SLFBF Series

Operating Temp. : -40℃~+85℃



FEATURES

- Small size, enable high density mounting
- Low insertion loss, high attenuation
- Surface mount type, high reliability

APPLICATIONS

- Mobile communication system, such as GSM, DCS, PCS, etc.
- Bluetooth, WLAN

PRODUCT IDENTIFICATION

SLFBF

①

21

②

-2R450G

③

-B01

④

T

⑤

①

Type	
SLFBF	Balanced Filter

②

External Dimensions (L×W) (mm)	
21 [0805]	2.0×1.2

③

Center Frequency	
Example	Nominal Value
2R450G	2450.0MHz

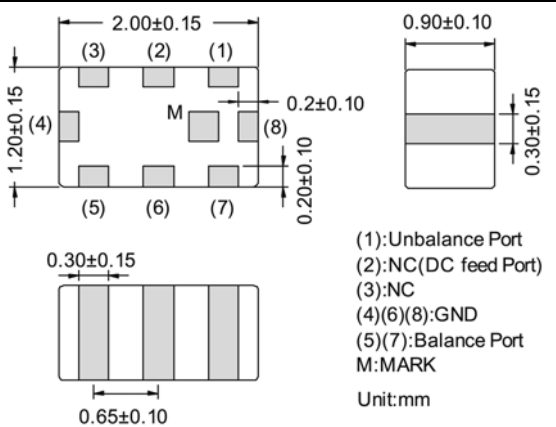
④

Series Code
A02, A11, A21, B01

⑤

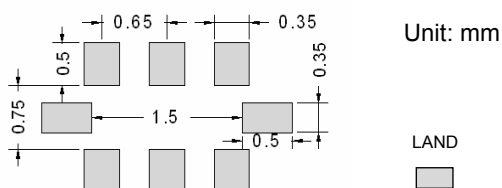
Packing
T Tape Carrier Package

SHAPE AND DIMENSIONS

Type: SLFBF21 Series	Dimensions (mm)
	 (1): Unbalance Port (2): NC(DC feed Port) (3): NC (4)(6)(8): GND (5)(7): Balance Port M: MARK Unit:mm

LAND PATTERN

SLFBF21 TYPE



Sunlord

Specifications subject to change without notice. Please check our website for latest information. Revised 2014/04/15

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SPECIFICATIONS

SLFBF21 TYPE

Part Number	Unbalance Port Impedance	Balance Port Impedance	Frequency Range	Insertion Loss	Attenuation	Unbalance Port VSWR in BW	Balance Port VSWR in BW	Power Capacity
Units	Ω	Ω	MHz	dB	dB	-	-	mW
SLFBF21-2R450G-A02TF	50	Conjugate match to MTK MT6612/6616	2450±50	2.8dB Max. at 25℃	40.0dB Min. at 880~960MHz	2.1 Max.	2.1 Max.	500.0 Max.
					30.0dB Min. at 1710~1880MHz			
				3.1dB Max. at -40 to +85℃	16.0dB Min. at 1880~1990MHz			
					17.0dB Min. at 4800~5000MHz			
SLFBF21-2R450G-A11T	50	Conjugate match to MTK5931	2450±50	2.5dB Max. at 25℃	35.0dB Min. at 880~960MHz	2.0 Max.	2.0 Max.	500.0 Max.
					30.0dB Min. at 1710~1880MHz			
				2.6dB Max. at -40 to +85℃	20.0dB Min. at 1880~1990MHz			
					20.0dB Min. at 4800~5000MHz			
					25.0dB Min. at 7200~7500MHz			
SLFBF21-2R450G-A21T	50	Conjugate match to MTK 6628	2450±50	2.5dB Max. at 25℃	35.0dB Min. at 880~960MHz	2.0 Max	2.0 Max	500.0 Max.
					35.0dB Min. at 1545~1605MHz			
				2.8dB Max. at -40 to +85℃	30.0dB Min. at 1710~1910MHz			
					10.0dB Min. at 2170MHz			
					25.0dB Min. at 4800~5000MHz			
SLFBF21-2R450G-B01T	50	Conjugate match to CSR BC04, BC05	2450±50	3.4dB Max. at 25℃	45.0dB Min. at 880~960MHz	2.0 Max	2.0 Max	500.0 Max.
					30.0dB Min. at 1710~1880MHz			
				3.7dB Max. at -40 to +85℃	20.0dB Min. at 1880~1990MHz			
					20.0dB Min. at 4800~5000MHz			
					20.0dB Min. at 7200~7500MHz			