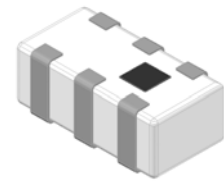


Multilayer Chip Balun – SLBL Series

Operating Temp. : -40°C~+85°C



FEATURES

- Small size, enable high density mounting
- Low insertion loss, excellent amplitude and phase balance
- Surface mount type, high reliability

APPLICATIONS

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

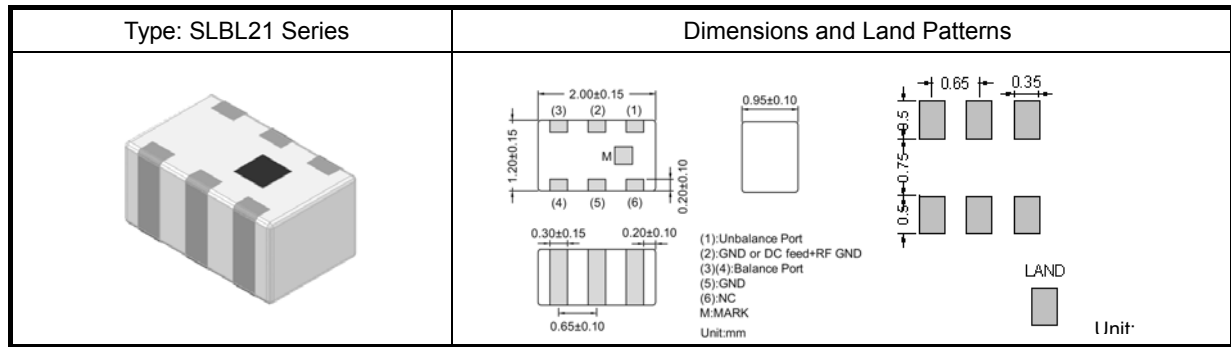
PRODUCT IDENTIFICATION

① <u>SLBL</u>		② <u>18</u>		③ <u>-2R450G</u>		④ <u>-05</u>		⑤ <u>-02</u>		⑥ <u>T</u>	
Type		(L×W) (mm)		External Dimensions (L×W) (mm)		Center Frequency		Example		Nominal Value	
SLBL	Balun	15 [0402]	1.0×0.5	18 [0603]	1.6×0.8	2R450G	2450.0MHz	5R400G	5400.0MHz		
④ Balance Impedance		⑤ Series Code		⑥ Packing							
05	50Ω	01, 02		T		Tape Carrier Package					
10	100Ω										

SHAPE AND DIMENSIONS

Type: SLBL15 Series	Dimensions and Land Patterns
Type: SLBL18 Series	Dimensions and Land Patterns

SHAPE AND DIMENSIONS



SPECIFICATIONS

SLBL15 TYPE

Part Number	Unbalance Port Impedance	Balance Port Impedance	Frequency Range	Insertion Loss	Balance Port VSWR	Amplitude Difference	Phase Difference	Power Capacity
Units	Ω	Ω	MHz	dB	-	dB	Deg.	mW
SLBL15-2R450G-05-01T	50	50	2450±50	0.6 Max. at 25°C	1.6 Max.	1.5 Max.	180±10	500

SLBL18 TYPE

Part Number	Unbalance Port Impedance	Balance Port Impedance	Frequency Range	Insertion Loss	Balance Port VSWR	Amplitude Difference	Phase Difference	Power Capacity
Units	Ω	Ω	MHz	dB	-	dB	Deg.	mW
SLBL18-2R450G-05-02T	50	50	2450±50	0.9 Max. at 25°C	2.0 Max.	2.0 Max.	180±10	500
				1.0 Max. at -40 to +85°C				
SLBL18-2R500G-10-01T	50	100	2500±200	1.2 Max. at 25°C	2.0 Max.	1.5 Max.	180±10	500
				1.3 Max. at -40 to +85°C				
SLBL18-5R400G-10-01T	50	100	5400±500	1.2 Max. at 25°C	2.0 Max.	2.0 Max.	180±10	500
				1.3 Max. at -40 to +85°C				

SLBL21 TYPE

Part Number	Unbalance Port Impedance	Balance Port Impedance	Frequency Range	Insertion Loss	Balance Port VSWR	Amplitude Difference	Phase Difference	Power Capacity
Units	Ω	Ω	MHz	dB	-	dB	Deg.	mW
SLBL21-1R400G-10-01T	50	100	1400±100	1.0 dB max. at 25°C	2.0 Max.	2.0 Max.	180±15	500
				1.2 dB max. at -40 to +85°C				
SLBL21-2R400G-05-01T	50	50	2400±100	0.8 Max. at 25°C	2.0 Max.	2.0 Max.	180±10	500
				0.9 Max. at -40 to +85°C				
SLBL21-2R400G-10-01T	50	100	2400±100	0.9 Max. at 25°C	2.0 Max.	2.0 Max.	180±10	500
				1.0 Max.				