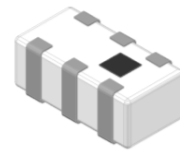


Multilayer Chip Balun – SLBL Series

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 equipment for GSM, LTE, 5G systems, etc.
- Bluetooth, WIFI, WLAN, WiMax, etc.

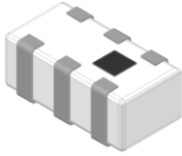
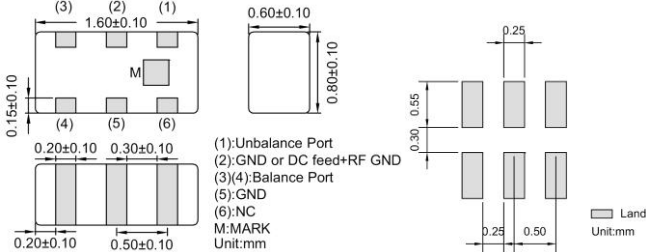
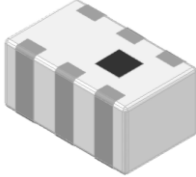
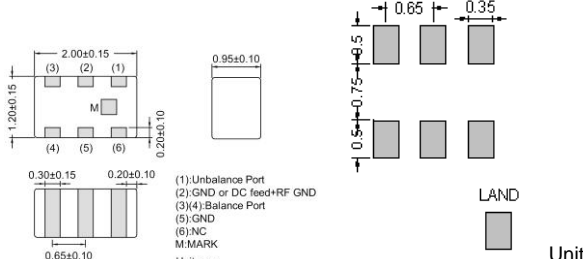
PRODUCT IDENTIFICATION

<u>SLBL</u>	<u>18</u>	<u>-2R450G</u>	<u>-05</u>	<u>-02</u>	<u>T</u>
①	②	③	④	⑤	⑥
Type		External Dimensions (LxW) (mm)		Center Frequency	
SLBL	Balun	06 [0202]	0.6x0.5	Example	Nominal Value
		15 [0402]	1.0x0.5	2R450G	2450.0MHz
		18 [0603]	1.6x0.8	5R400G	5400.0MHz
		21 [0805]	2.0x1.2		
Balance Impedance		Series Code		Packing	
05	50Ω	01, 02		T	Tape Carrier Package
10	100Ω				

SHAPE AND DIMENSIONS

Type: SLBL15 Series	Dimensions and Land Patterns		
Type: SLBL15-0R770G-10-31T /SLBL15-1R900G-10-31T	Dimensions and Land Patterns		
	<Top View> 	<Bottom View> 	<Side View>
	(1) : Balanced Port (2) : Unbalanced Port (3) : Balanced Port (4) : GND M : MARK Unit : mm		

SHAPE AND DIMENSIONS

Type: SLBL18 Series	Dimensions and Land Patterns
	 <p>(1):Unbalance Port (2):GND or DC feed+RF GND (3)(4):Balance Port (5):GND (6):NC M:MARK Unit:mm</p>
Type: SLBL21 Series	Dimensions and Land Patterns
	 <p>(1):Unbalance Port (2):GND or DC feed+RF GND (3)(4):Balance Port (5):GND (6):NC M:MARK Unit:mm</p>

SPECIFICATIONS

SLBL06 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
SLBL06-0R770G-10-01T	50	100	698~960	0.6 Max. at 25°C	2.0 Max.	3.0 Max.	180±10	500
SLBL06-1R900G-10-02T	50	100	1710~2200	0.6 Max. at 25°C	2.0 Max.	2.5 Max.	180±10	500
SLBL06-2R500G-10-01T	50	100	2300~2700	0.55 Max. at 25°C	2.0 Max.	2.5 Max.	180±10	500

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
SLBL15-0R770G-10-31T	50	100	758~821	0.6 Max. at 25°C	1.5 Max.	2.0 Max.	180±10	500
SLBL15-1R900G-10-31T	50	100	1805~2025	0.6 dB Max. at 25°C	1.5 Max.	2.5 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 1.0 Max. at -40 to +85°C	2.0 Max.	2.0 Max.	180±10	500

SPECIFICATIONS

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
SLBL21-2R400 G-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				
SLBL21-2R400 G-10-01T	50	100	2400±100	0.9 Max. at 25°C	2.0 Max.	2.0 Max.	180±10	500
				1.0 Max. at -40 to +85°C				