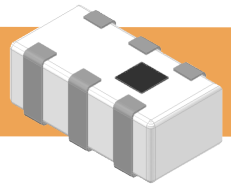
叠层片式平衡转换器—SLBL 系列
Multilayer Chip Balun – SLBL Series



工作温度 Operating Temp

- -40℃ ~+85℃

特征 Features

- 体积小，适合高密度贴装
- 低插损，优异幅度、相位平衡
- 表面贴装，可靠性高
- Small size, enable high density mounting
- Low insertion loss, excellent amplitude and phase balance
- Surface mount type, high reliability

用途 Applications

- LTE, 5G 等系统的移动通讯设备
- Bluetooth, Wi-Fi, WLAN 等领域
- Mobile communication equipment for LTE, 5G systems, etc.
- Bluetooth, Wi-Fi, WLAN etc.

产品型号 Product Identification

1	2	3	4	5	6
SLBL	18	-2R450G	-05	-31	T

1

分类 Type	
SLBL	平衡转换器 Balun

2

外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)	
06 [0202]	0.6×0.5
15 [0402]	1.0×0.5
18 [0603]	1.6×0.8
21 [0805]	2.0×1.2

3

中心频率 Center Frequency	
Example	NoMinal Value
2R450G	2450.0MHz
5R400G	5400.0MHz

4

平衡阻抗 Balance Impedance	
05	50Ω
10	100Ω

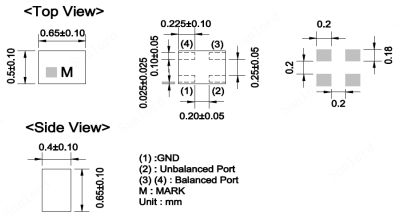
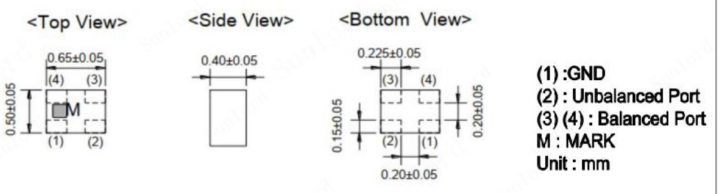
5

系列代号 Series Code
01,31 etc.

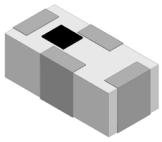
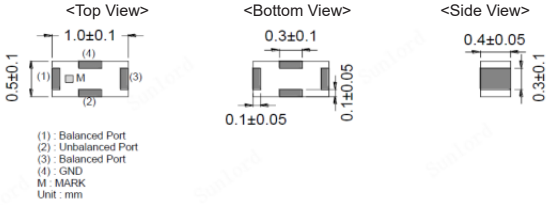
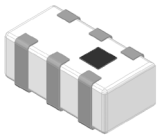
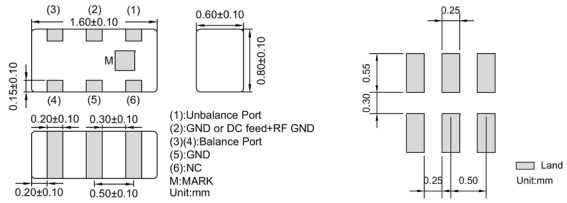
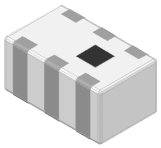
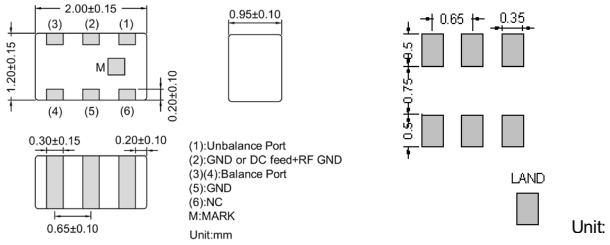
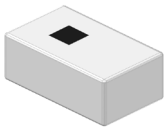
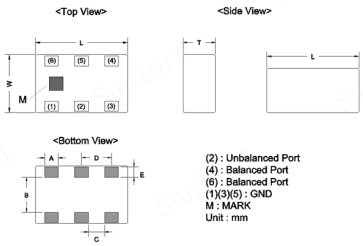
6

包装 Packing	
T	编带 Tape Carrier Package

外观尺寸 Shape and Dimensions

Type: SLBL06 Series	Dimensions and Land Patterns (As Refence)
	
SLBL06-1R900G-10-03T	Dimensions and Land Patterns (As Refence)
	

外观尺寸
Shape and Dimensions

Type: SLBL15 Series	Dimensions and Land Patterns (As Refence)
	
Type: SLBL18 Series	**Dimensions and Land Patterns (As Refence)**
	
Type: SLBL21 Series	**Dimensions and Land Patterns (As Refence)**
	
SLBL21-1R700G-10-31T	**Dimensions and Land Patterns (As Refence)**
	

规格特性
Specifications

SLBL06 TYPE

型号 Part Number	非平衡端阻抗 Unbalance Port Impedance	平衡端阻抗 Balance Port Impedance	频率范围 Frequency Range	插入损耗 Insertion Loss	平衡端驻波比 Balance Port VSWR	幅度差 Amplitude Difference	相位差 Phase Difference	功率容量 Power Capacity
单位 Units	Ω	Ω	MHz	dB	-	dB	Deg.	mW
SLBL06-0R770G-10-01T	50	100	698~960	0.6dB Max.@25˚C	2.0 Max.	3.0 dB Max.	180±10	500
SLBL06-1R900G-10-03T	50	100	1710~2200	0.6dB Max.@ 25˚C	2.0 Max	3.0 dB Max.	180±15	500
SLBL06-2R500G-10-01T	50	100	2300~2700	0.55dB Max.@25˚C	2.0 Max.	2.5 dB Max.	180±10	500

SLBL15 TYPE

型号 Part Number	非平衡端阻抗 Unbalance Port Impedance	平衡端阻抗 Balance Port Impedance	频率范围 Frequency Range	插入损耗 Insertion Loss	平衡端驻波比 Balance Port VSWR	幅度差 Amplitude Difference	相位差 Phase Difference	功率容量 Power Capacity
单位 Units	Ω	Ω	MHz	dB	-	dB	Deg.	mW
SLBL15-0R770G-10-31T	50	100	758~821	0.6dB Max.@25˚C	1.5 Max.	2.0 dB Max.	180±10	500
SLBL15-1R900G-10-31T	50	100	1805~2025	0.6dB Max.@25˚C	1.5 Max.	2.5 dB Max.	180±10	500

All information and data presented in this Catalog are for information only. You are requested to approve our product specification before your ordering.

规格特性
Specifications

SLBL18 TYPE

型号 Part Number	非平衡端阻抗 Unbalance Port Impedance	平衡端阻抗 Balance Port Impedance	频率范围 Frequency Range	插入损耗 Insertion Loss	平衡端驻波比 Balance Port VSWR	幅度差 Amplitude Difference	相位差 Phase Difference	功率容量 Power Capacity
单位 Units	Ω	Ω	MHz	dB	-	dB	Deg.	mW
SLBL18-1R500G-05-31T	50	50	699~960	1.4dB Max.@25℃	2.0 Max.	±1.2 dB Max.	180±10	3.0W Max.
			1710~1995	1.3dB Max.@25℃				
			2000~2700	1.5dB Max.@25℃				
SLBL18-1R500G-10-32T	50	100	673~2700	1.7dB Max.@25℃	2.45 Max.	±1.5 dB Max.	180±15	3.0W Max.
SLBL18-2R500G-05-31T	50	50	2300~2700	1.2dB Max.@25℃	2.0 Max.	±1.5 dB Max.	180±10	3.0W Max.
SLBL18-2R500G-10-31T	50	100	2300~2700	1.2dB Max.@25℃	2.0 Max.	±1.5 dB Max.	180±10	3.0W Max.
SLBL18-3R600G-05-31T	50	50	3300~3900	1.2dB Max.@25℃	2.0 Max.	±1.5 dB Max.	180±15	2.0W Max.
SLBL18-3R600G-10-31T	50	100	3300~3900	1.0dB Max.@25℃	2.0 Max.	±1.2 dB Max.	180±15	2.0W Max.
SLBL18-4R500G-05-31T	50	50	3200~4000	1.1dB Max.@25℃	2.1 Max.	±1.2 dB Max.	180±12	3.0W Max.
			4000~5000	1.0dB Max.@25℃	2.0 Max.			
			5000~6000	1.0dB Max.@25℃	2.0 Max.			
SLBL18-4R500G-10-31T	50	100	3200~4000	1.1dB Max.@25℃	2.1 Max.	±1.2 dB Max.	180±12	3.0W Max.
			4000~5000	1.0dB Max.@25℃	2.0 Max.			
			5000~6000	1.0dB Max.@25℃	2.0 Max.			

SLBL21 TYPE

型号 Part Number	非平衡端阻抗 Unbalance Port Impedance	平衡端阻抗 Balance Port Impedance	频率范围 Frequency Range	插入损耗 Insertion Loss	平衡端驻波比 Balance Port VSWR	幅度差 Amplitude Difference	相位差 Phase Difference	功率容量 Power Capacity
单位 Units	Ω	Ω	MHz	dB	-	dB	Deg.	mW
SLBL21-0R800G-20-01T	50	200	800~2600	1.5dB Max.@25℃	-	±1.3 dB Max.	180±13	3.0W Max.
			700~2800	1.6dB Max.@25℃		±1.3 dB Max.	180±16.5	
SLBL21-0R900G-05-31T	50	50	800~1000	1.2dB Max.@25℃	-	±2.0 dB Max.	180±10	3.0W Max.
SLBL21-1R700G-10-31T	50	100	400~2500	3.0dB Max.@25℃	-	±1.4 dB Max.	180±12	2.0W Max.
			2500~3000	4.0dB Max.@25℃				
SLBL21-2R400G-10-03T	50	100	2400±100	0.9dB Max.@25℃	2.0 Max.	2.0 dB Max.	180±10	500
				1.0dB Max. @-40 to +85℃				
SLBL21-3R000G-10-01T	50	100	2650~3500	1.0dB Max.@25℃	-	±1.3 dB Max.	180±13	3.0W Max.
			2000~4000	1.3dB Max.@25℃		±1.48 dB Max.	180±16.5	
SLBL21-5R400G-10-31T	50	100	4900~5900	1.0dB Max.@25℃	2.0 Max.	±2.0 dB Max.	180±10	3.0W Max.
SLBL21-5R500G-10-33T	50	100	3000~8000	1.5dB Max.@25℃	2.3 Max.	±2.5 dB Max.	180±20	3.0W Max.