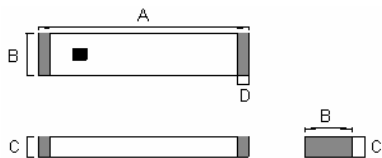




Multilayer Chip Antenna (SLDA Series)

• Dimension

SLDA31/52/62/72/81/92/35050



Series	A	B	C	D
SLDA31	3.2±0.2	1.6±0.2	1.2±0.2	0.5±0.2
SLDA52	5.0±0.2	2.0±0.2	1.0±0.2	0.5±0.2
SLDA62	6.0±0.2	2.0±0.2	1.0±0.2	0.5±0.2
SLDA72	7.0±0.2	2.0±0.2	1.0±0.2	0.5±0.2
SLDA81	8.0±0.2	1.0±0.2	1.0±0.2	0.5±0.2
SLDA92	9.0±0.2	2.0±0.2	1.0±0.2	0.5±0.2
SLDA35050	35.0±0.2	5.0±0.2	1.0±0.2	0.5±0.2

Unit: mm

• Features

- Light weight, compact
- Wide bandwidth, low cost
- Built-in antenna with high gain
- Operating temperature:
SLFH Series: -40°C to +85°C

• Applications

- Home RF systems
- Bluetooth®, WLAN, CMMB

• Part Number Identification

SLDA **31** **-2R450G** **-S1** **I** **F**
 (1) (2) (3) (4) (5) (6)

(1)

Product ID	
SLDA	Multilayer Chip Antenna

(2)

Dimensions (L x W, mm)	
31	3.2 x 1.6
52	5.0 x 2.0
62	6.0 x 2.0
72	7.0 x 2.0
81	8.0 x 1.0
92	9.0 x 2.0
35050	35.0 x 5.0

(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



● SLDA31 Series

Part Number	Bandwidth	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW	Ω	W
SLDA31-2R800G-S1	≥ 100	0.5dBi typ.	-1<dBi typ.	<2	50	3 W max
SLDA31-2R870G-S1	≥ 100	0.5dBi typ.	-1<dBi typ.	<2	50	

● SLDA52 Series

Part Number	Bandwidth	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW	Ω	W
SDA52-2R510G-S1	≥ 200	2.5dBi typ.	0.5<dBi typ.	<2	50	3 W max
SDA52-2R540G-S1	≥ 200	2.5dBi typ.	0.5<dBi typ.	<2	50	
SDA52-2R710G-S1	≥ 200	2.5dBi typ.	0.5<dBi typ.	<2	50	
SDA52-2R740G-S1	≥ 200	2.5dBi typ.	0.5<dBi typ.	<2	50	
SDA52-2R780G-S1	≥ 200	2.5dBi typ.	0.5<dBi typ.	<2	50	

● SLDA62 Series

Part Number	Bandwidth	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW	Ω	W
SDA62-2R640G-S1	≥ 200	2.6 dBi typ.	0.7<dBi typ.	<2	50	3 W max

● SLDA72 Series

Part Number	Bandwidth	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW	Ω	W
SDA72-2R470G-S1	≥ 200	2.7dBi typ.	1.0<dBi typ.	<2	50	3 W max
SDA72-2R860G-S1	≥ 200	2.7dBi typ.	1.0<dBi typ.	<2	50	

● SLDA81 Series

Part Number	Bandwidth	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW	Ω	W
SDA81-3R010G-S1	≥ 200	2.0dBi typ.	1.0<dBi typ.	<2	50	3 W max

● SLDA92 Series

Part Number	Bandwidth	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW	Ω	W
SDA92-2R660G-S1	≥ 200	3.0dBi typ.	1.0<dBi typ.	<2	50	3 W max

● SLDA35050 Series

Part Number	Bandwidth	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW	Ω	W
SDA35050-0R650G-S1	≥ 50	-2.0dBi typ. (710MHz)	-7<dBi typ. (474MHz)	<2	50	3 W max