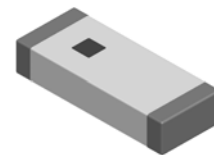


# Multilayer Chip Antenna – SLDA Series

Operating Temp. : -40 ~+85



## FEATURES

- Light weight, compact
- Wide bandwidth, low cost
- Built-in antenna with high gain

## APPLICATIONS

- Bluetooth, Wireless LAN, Mobile TV
- Home RF system, etc
- RFID

## PRODUCT IDENTIFICATION

**SLDA**      **31**                      **-2R800G**                      **-S1**                      **I**                      **F**

Type	
SLDA	Multilayer Chip Antenna

External Dimensions (L×W) (mm)	
31	3.2×1.6
52	5.2×2.1
62	6.0×2.0
72	7.0×2.0
81	8.0×1.0
92	9.0×2.0
16030	16.0×3.0
35050	35.0×5.0

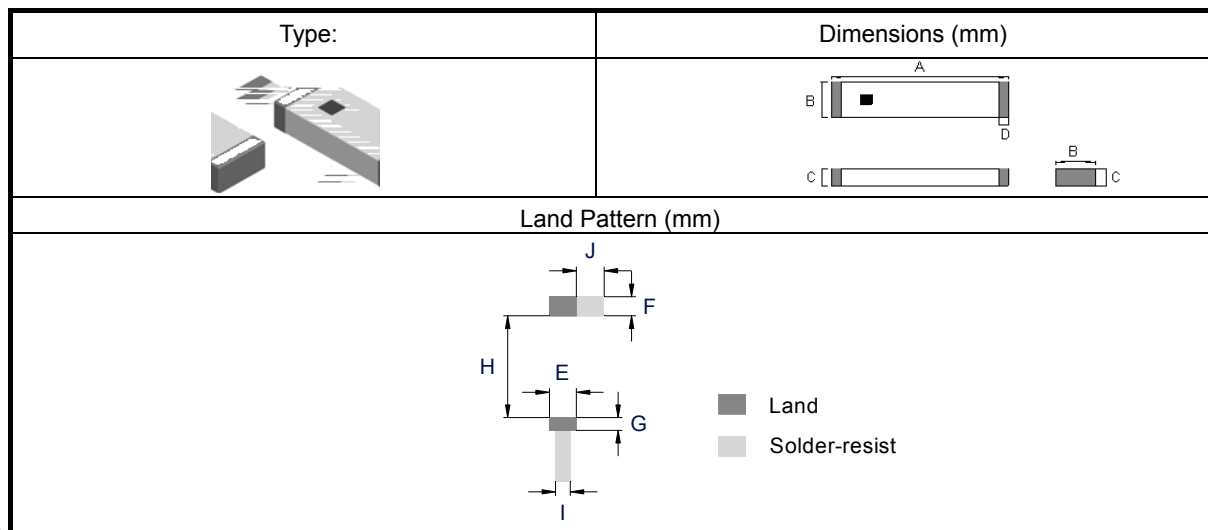
Center Frequency	
Example	Nominal Value
2R800G	2800.0MHz
2R470G	2470.0MHz
0R650G	650.0MHz

Series Code
S1, 01, etc.

Packing	
T	Tape & Reel

Hazardous Substance Free Products
F

## SHAPE AND DIMENSIONS



**Sunlord**

Specifications subject to change without notice. Please check our website for latest information. Revised 2017/04/15

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## SHAPE AND DIMENSIONS

Series	A	B	C	D	E	F	G	H	I	J
SLDA31	3.2±0.2	1.6±0.2	1.2±0.2	0.5±0.2	1.6±0.2	0.8±0.2	0.8±0.2	2.6±0.2	1.4	1.6±0.2

## SPECIFICATIONS

### SLDA31 TYPE

Part Number	Band Width	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW		W
SLDA31-2R800G-S1TF	100	0.5dBi Typ.	-1dBi Typ.	<2	50	3
SLDA31-3R400G-S1TF	100	0.5dBi Typ.	-1dBi Typ.	<2	50	3

### SLDA52 TYPE

Part Number	Band Width	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW		W
SLDA52-2R350G-S1TF	150	2.5dBi Typ.	0.5dBi Typ.	<2	50	3
SLDA52-2R510G-S1TF	200	2.5dBi Typ.	0.5dBi Typ.	<2	50	
SLDA52-2R540G-S1TF	200	2.5dBi Typ.	0.5dBi Typ.	<2	50	
SLDA52-2R710G-S1TF	200	2.5dBi Typ.	0.5dBi Typ.	<2	50	
SLDA52-2R780G-S1TF	200	2.5dBi Typ.	0.5dBi Typ.	<2	50	

### SLDA62 TYPE

Part Number	Band Width	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW		W
SLDA62-2R640G-01TF	200	2.6dBi Typ.	0.7dBi Typ.	<2	50	3

### SLDA72 TYPE

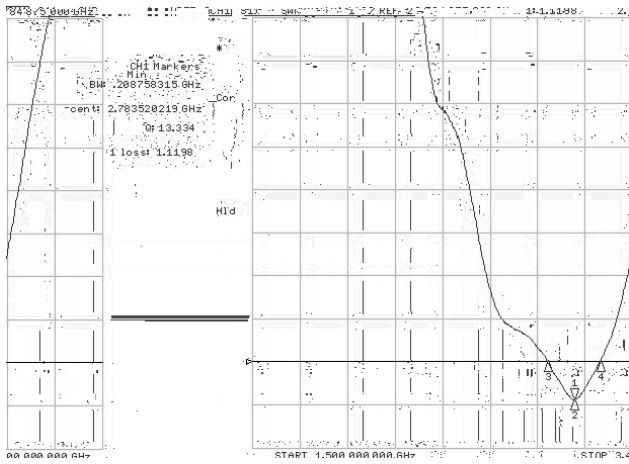
Part Number	Band Width	Peak Gain	Average Gain	VSWR	Impedance	Power Capacity
	MHz	V-XZ	V-XZ	In BW		W
SLDA72-2R470G-S1TF	200	2.7dBi Typ.	1.0dBi Typ.	<2	50	3
SLDA72-2R860G-02TF	200	2.7dBi Typ.	1.0dBi Typ.	<2	50	

### SLDA81 TYPE

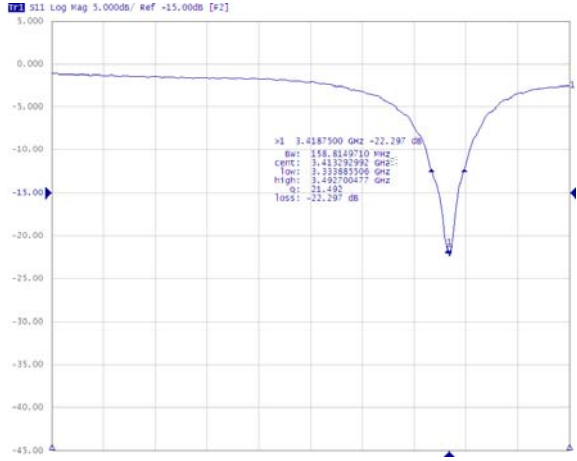
Part Number	Band Width	Peak Gain	Average Gain	VSWR	Impedance P	Power Capacity
	MHz					
SLDA81-3R010G-S1TF	200	2.0dBi Typ.	0.5dBi Typ.	<2	50	3

# RETURN LOSS

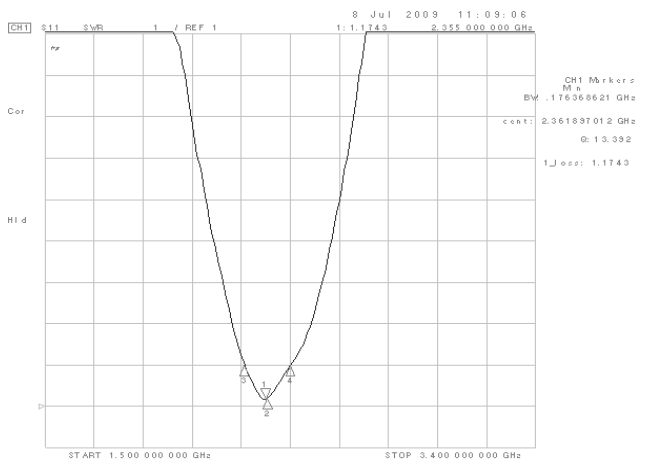
## SLDA31-2R800G-S1TF



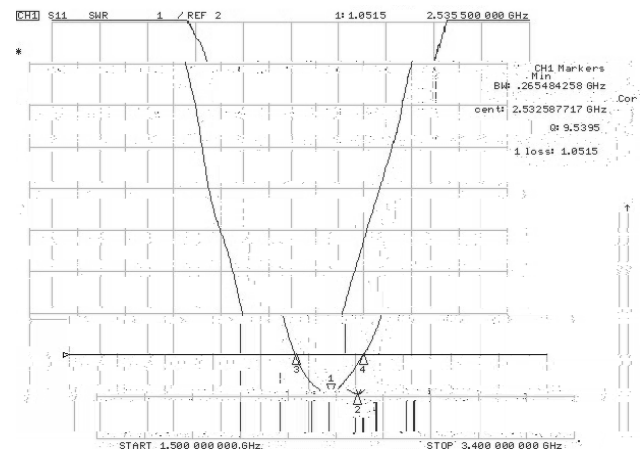
## SLDA31-3R400G-S1TF



## SLDA52-2R350G-S1TF



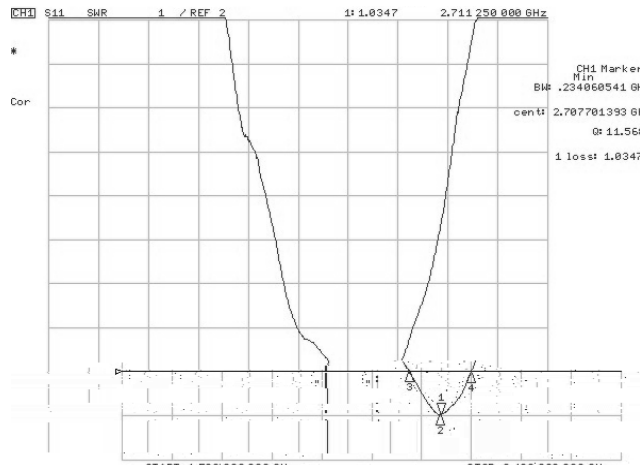
## SLDA52-2R510G-S1TF



## SLDA52-2R540G-S1TF



## SLDA52-2R710G-S1TF





# RETURN LOSS

SLDA16030-0R433G-S1TF

SLDA35050-0R650G-S1TF

