

Manufacture: Sunlord

Model: SLDA

Date: April 9, 2022

## 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.

### PRODUCT IDENTIFICATION

SLDA      31      -2R800G      -S1      I      F

Type	
SLDA	Multilayer Chip Antenna

External Dimensions (LW) (mm)	
31	3.21.6
52	5.22.1
62	6.02.0
72	7.02.0
81	8.01.0
92	9.02.0


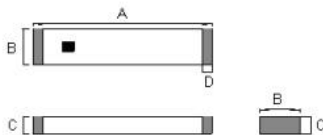
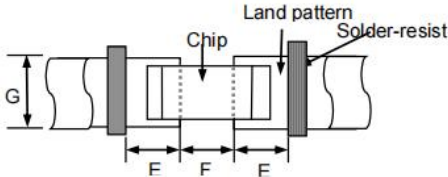
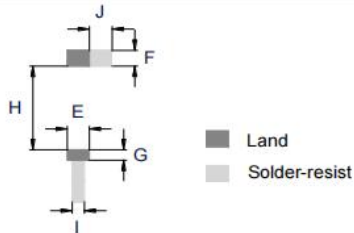
Center Frequency	
Example	Nominal Value
2R800G	2800.0MHz
2R450G	2450.0MHz

Series Code
S1, 01, etc.

Packing	
T	Tape & Reel

Hazardous Substance Free Products
F

### SHAPE AND LAND PATTERN

Type:	Dimensions (mm)
	
Type: SLDA21-2R450G-S1TF	Land Pattern (mm)
	

**SHAPE AND DIMENSIONS**

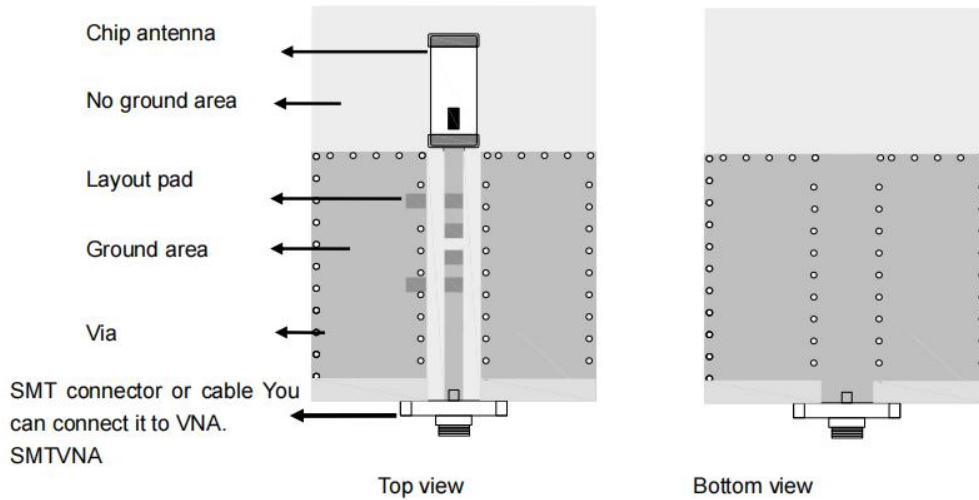
Series	A	B	C	D	E	F	G	H	I	J
SLDA31	3.20.2	1.60.2	1.20.2	0.50.2	1.60.2	0.80.2	0.80.2	2.20.2	1.4	1.60.2
SLDA52	5.20.2	2.10.2	1.00.2	0.50.2	2.30.2	1.50.2	1.00.2	4.00.2	1.4	2.30.2
SLDA62	6.00.2	2.00.2	1.00.2	0.50.2	2.20.2	1.50.2	1.00.2	5.00.2	1.4	2.20.2
SLDA72	7.00.2	2.00.2	1.00.2	0.50.2	2.20.2	1.50.2	1.00.2	6.00.2	1.4	2.20.2
SLDA81	8.00.2	1.00.2	1.00.2	0.50.2	1.50.2	1.50.2	1.00.2	7.00.2	1.4	1.50.2
SLDA92	9.00.2	2.00.2	1.00.2	0.50.2	2.20.2	1.50.2	1.00.2	8.00.2	1.4	2.20.2

**TERINAL-CONFIGURATION**

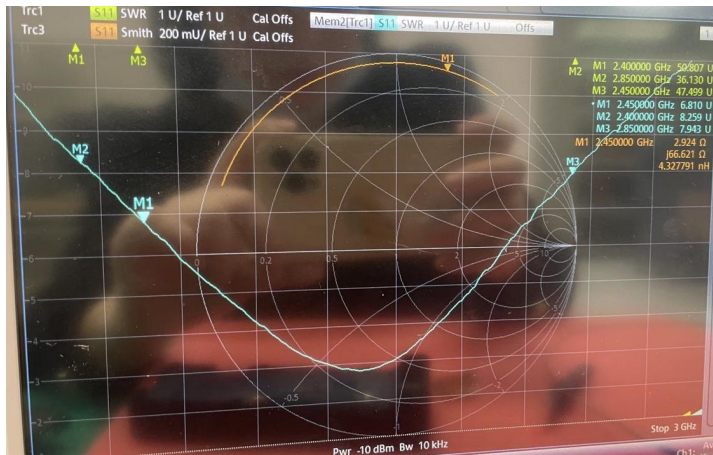


No.	Terminal Name	No.	Terminal Name
(1)	Feeding Point	(2)	NC

**EVALUATION BOARD**

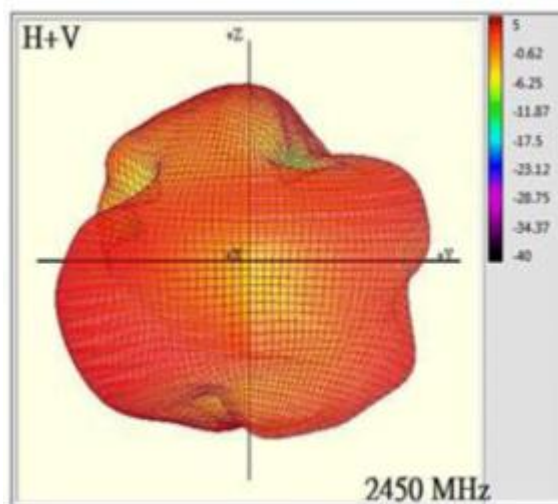
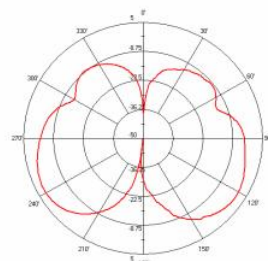
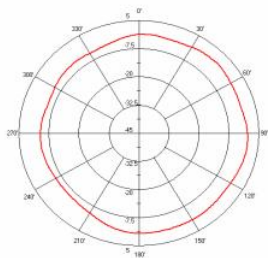


**Antenna passive specification**



测试频率	Efficiency-%	Gain(dBi)
2400	34.43396545	0.91466372
2405	34.19600386	0.89314891
2410	34.00327223	0.84677118
2415	33.73946452	0.82805458
2420	33.34545542	0.80990853
2425	32.69762696	0.67804885
2430	32.20251493	0.47230983
2435	31.88955955	0.24342653
2440	31.85908426	0.06271453
2445	32.02201381	-0.0860254
2450	31.95639806	-0.1124633
2455	31.65162915	-0.0029913
2460	30.98752404	0.01847397
2465	30.13892055	-0.0340329
2470	29.18878195	-0.1309652
2475	28.54896111	-0.1747973
2480	28.09990263	-0.1840789
2485	27.61230343	-0.2457411

Radiation Pattern



**Sunlord**

Specifications subject to change without notice. Please check our website for latest information. Revised 2022/05/15

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