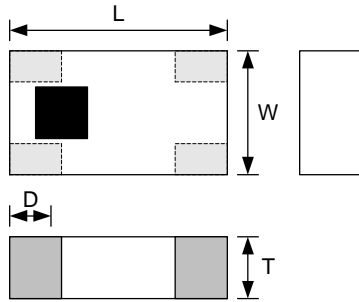
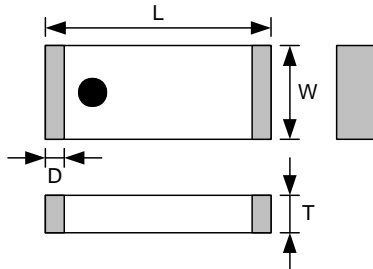


## Chip Antenna

### Application

WLAN, Bluetooth, Home RF, GPS, etc.

### Dimensions



NOTE : Dimensions in mm

Dimension	L	W	T	D
2012	2.00±0.2	1.20±0.2	1.00±0.2	0.30±0.2
3216	3.20±0.2	1.60±0.2	1.20±0.2	0.40±0.2
5220	5.20±0.2	2.00±0.2	0.85±0.2	0.40±0.2
5320	5.30±0.2	2.00±0.2	1.20±0.2	0.40±0.2
5824	5.80±0.2	2.40±0.2	0.90±0.15	0.30±0.1

Dimension	L	W	T	D
6025	6.00±0.2	2.50±0.2	2.00±0.2	1.50±0.2

### Termination Configuration



- ① Feed Termination
- ② Solder Termination



- ① GND
- ② Feed Termination
- ③ GND (N.C. for 6025-B1)
- ④ GND (N.C. for 6025-B1)

**Electrical Specification**

Part NO.	Center Frequency	Impedance	Bandwidth*	Gain*	VSWR	Polarization
LTA-3216-1G5S5-A1	1575 MHz	50 Ohms	~10MHz	-6~0 dBi	2.0 max.	Linear
LTA-2012-2G4S5-A1	2450 MHz	50 Ohms	~100MHz	0~1 dBi	2.0 max.	Linear
LTA-3216-2G4S3-A1	2450 MHz	50 Ohms	~100 MHz	0~1 dBi	2.0 max.	Linear
LTA-3216-2G4S3-A3	2450 MHz	50 Ohms	~100 MHz	0~2 dBi	2.0 max.	Linear
LTA-5220-2G4S3-A1	2450 MHz	50 Ohms	~200 MHz	0~1 dBi	2.0 max.	Linear
LTA-5320-2G4S3-A1	2450 MHz	50 Ohms	~150 MHz	0~1 dBi	2.0 max.	Linear
LTA-5824-2G4S4-A1	2450 MHz	50 Ohms	~150 MHz	1~2 dBi	2.0 max.	Linear
LTA-6025-2G4S3-B1	2450 MHz	50 Ohms	~100 MHz	0 dBi	2.5 max.	Linear
LTA-6025-2G4S3-B2	2450 MHz	50 Ohms	~100 MHz	2 dBi	2.5 max.	Linear

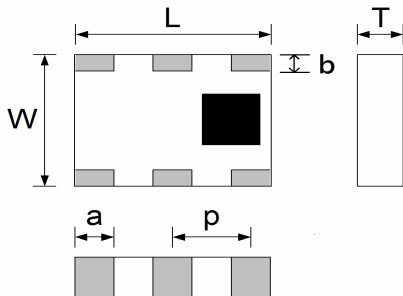
\*Depend on PCB layout.

## Dual Band Antenna

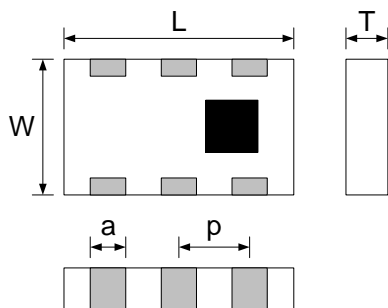
Application  
Dual-band WLAN.

Dimensions

NOTE : Dimensions in mm



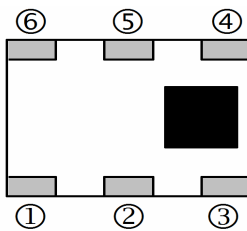
DBA-6025			
L	W	T	a
$6.0 \pm 0.20$	$2.5 \pm 0.20$	$1.0 \pm 0.15$	$0.8 \pm 0.20$
b	p		
$0.30 \pm 0.15$	$2.60 \pm 0.20$		



DBA-7040			
L	W	T	a
$7.0 \pm 0.20$	$4.0 \pm 0.20$	$0.75 \pm 0.15$	$0.8 \pm 0.20$
b	p		
$0.30 \pm 0.15$	$3.00 \pm 0.20$		

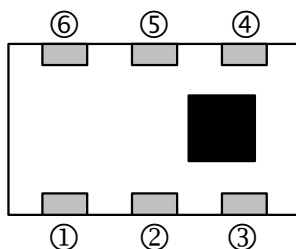
Termination Configuration

DBA-6020-25GS5-A1



- ① For 2.4 GHz Tuning Stub
- ② N.C.
- ③ For 5.5 GHz Tuning Stub
- ④ N.C.
- ⑤ Feed Termination
- ⑥ N.C.

DBA-7040-25GS3-A1



- ① For 2.4 GHz Tuning Stub
- ② N.C.
- ③ For 5.5 GHz Tuning Stub
- ④ N.C.
- ⑤ Feed Termination
- ⑥ N.C.

■ Electrical Specification

Part NO.	Center Frequency	Bandwidth*	Impedance	Gain*	VSWR	Polarization
DBA-6025-25GS5-A1	2450 MHz	100 MHz	50 ohm	> 0 dBi	2.5 max.	Linear
	5400 MHz	1000 MHz				
DBA-7040-25GS3-A1	2450 MHz	100 MHz	50 ohm	> 1 dBi	2.5 max.	Linear
	5400 MHz	1000 MHz				

\*Depend on PCB layout.

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