

Chip Antenna

Specification

Type	GNSS
Part No	ACLX-5036-A1-CC-S
	ACM4-5036-A1-CC-S
	ACD-5036-A3-CC-S
	ACD-3216-A1-CC-S
	ACM0-3216-A1-CC-S
	ACM5-3216-A1-CC-S

Product name **GNSS L1/L2/L5/L6**
ACLX-5036-A1-CC-S

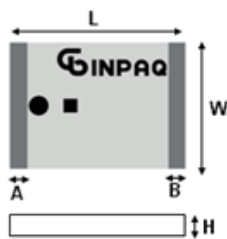
Appearance



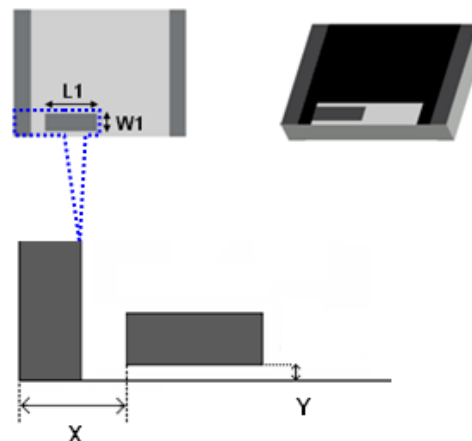
Specification

Center Frequency (MHz)	1227 / 1575.42
Frequency Band (MHz)	1170 ~ 1270 / 1520 ~ 1610
V.S.W.R.	< 2.0
Polarization	Linear
Impedance(Ω)	50 typ.
Peak Gain (dBi)	4.1 / 4.9
Efficiency (%)	79 / 82
Dimension (mm)	5.2 x 3.7 x 0.7

Top View



Bottom View

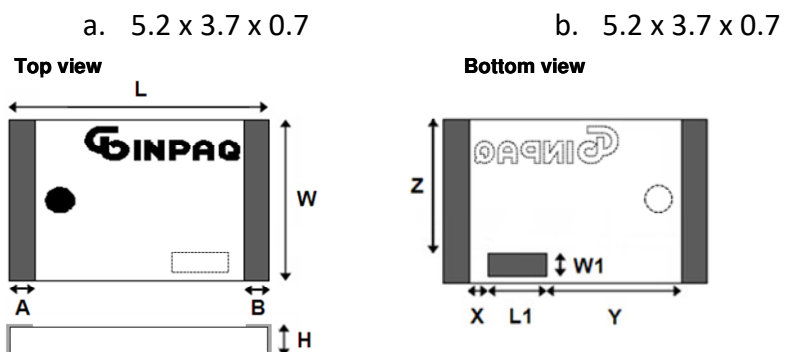


Chip Antenna	L	W	A	B	L1	W1	H	X	Y
ACL5036	5.2±0.3	3.7±0.3	0.45±0.25	0.45±0.25	1.55±0.20	0.55±0.20	0.70±0.15	0.85±0.25	0.12±0.06

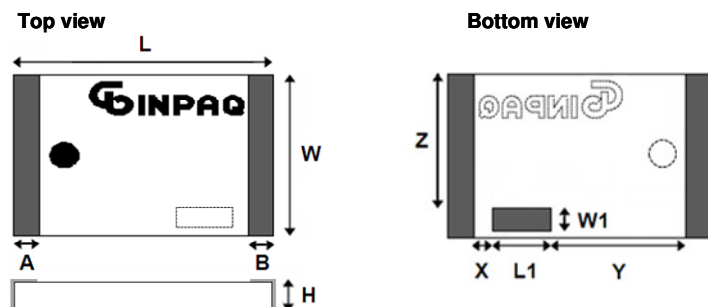
Product name
ACM4-5036-A1-CC-S
ACD-5036-A3-CC-S
Appearance

Specification

Center Frequency (MHz)	1575 / 1604	1575.42
Frequency Band (MHz)	1570 ~ 1580 / 1593 ~ 1615	1570 ~ 1580
V.S.W.R.	< 2.0	< 2.0
Polarization	Linear	Linear
Impedance(Ω)	50 typ.	50 typ.
Peak Gain (dBi)	3.1 / 3.2	3.4
Efficiency (%)	77 / 78	83
Dimension (mm)	a. 5.2 x 3.7 x 0.7	b. 5.2 x 3.7 x 0.7

a


Chip Antenna	L	W	H	A	B	L1	W1	X	Y	Z
ACM4-5036	5.20±0.30	3.70±0.30	0.70±0.15	0.50±0.25	0.50±0.25	1.10±0.20	0.55±0.20	0.50±0.10	2.60±0.20	2.95±0.30

b


Chip Antenna	L	W	H	A	B	L1	W1	X	Y	Z
ACM4-5036	5.20±0.30	3.70±0.30	0.70±0.15	0.50±0.25	0.50±0.25	1.10±0.20	0.55±0.20	0.50±0.10	2.60±0.20	2.95±0.30

Product name	ACD-3216-A1-CC-S	(GNSS+2.4GHz) ACM0-3216-A1-CC-S
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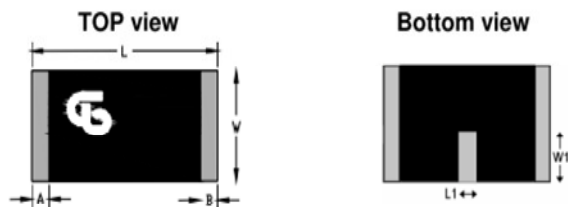
Appearance



Specification

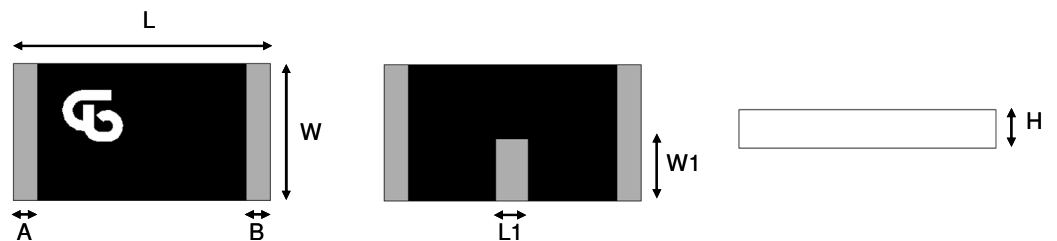
Center Frequency (MHz)	1575.42	1575.42 / 2450
Frequency Band (MHz)	1570 ~ 1580	1570 ~ 1580 / 2400 ~ 2500
V.S.W.R.	< 2.0	< 2.5
Polarization	Linear	Linear
Impedance(Ω)	50 typ.	50 typ.
Peak Gain (dBi)	1.8	0.6 / 0.9
Efficiency (%)	62	58 / 71
Dimension (mm)	c. 3.2 x 1.7 x 0.5	d. 3.2 x 1.7 x 0.5

a



Chip Antenna	L	W	A	B	L1	W1	H
ACD-3216	3.2±0.30	1.7±0.30	0.3±0.15	0.3±0.15	0.47±0.20	0.7±0.20	0.5±0.1

b



Chip Antenna	L	W	A	B	L1	W1	H
ACM0-3216	3.2±0.30	1.7±0.20	0.3±0.15	0.3±0.15	0.47±0.20	0.7±0.20	0.5±0.1

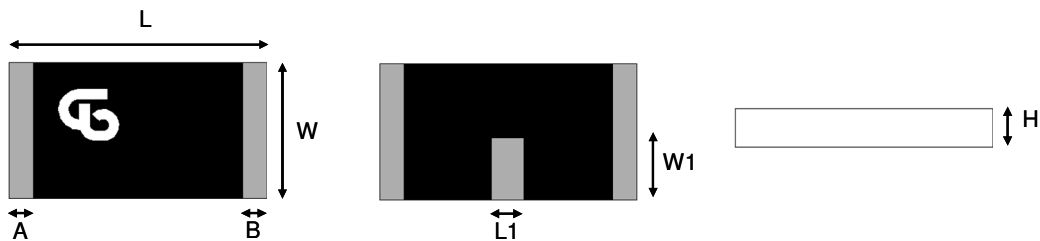
Product name (GPS+2.4G/5G)
ACM5-3216-A1-CC-S

Appearance



Specification

Center Frequency (MHz)	1575.42 / 2450 / 5500
Frequency Band (MHz)	1570 ~ 1580 / 2400 ~ 2500 / 5150 ~ 5850
V.S.W.R.	< 2.0 / < 3.0 / < 3.0
Polarization	Linear
Impedance(Ω)	50 typ.
Peak Gain (dBi)	2.1 / 2.5 / 3.5
Efficiency (%)	54 / 65 / 70
Dimension (mm)	3.2 x 1.7 x 0.5



Chip Antenna	L	W	A	B	L1	W1	H
ACM0-3216	3.2±0.30	1.7±0.20	0.3±0.15	0.3±0.15	0.47±0.20	0.7±0.20	0.5±0.1