

Chip Antenna

Specification

Type	Multi-Function
Part No	(GPS+2.4G) ACM0-3216-A1-CC-S (GPS+Glonass) ACM4-5036-A1-CC-S (2.4G+5G) ACM3-5036-A1-CC-S (GPS+2.4G+5G) ACM5-3216-A1-CC-S (GPS+Glonass+Compass all bands) ACLX-5036-A1-CC-S

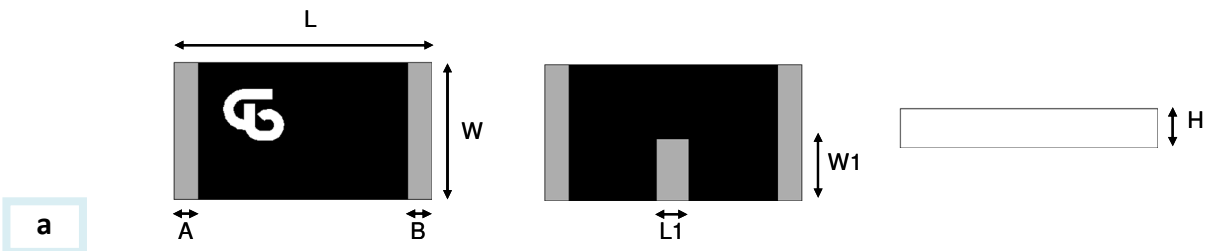
Product name	(GPS+2.4G)	(GPS+Glonass)
	ACM0-3216-A1-CC-S	ACM4-5036-A1-CC-S

Appearance

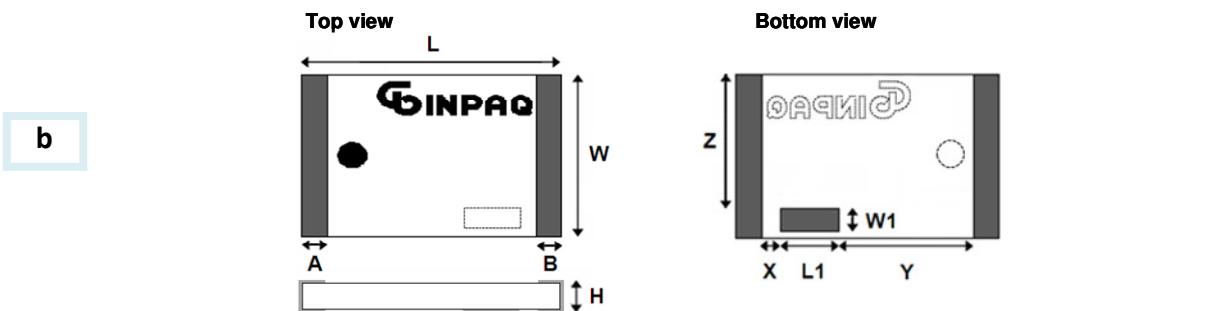


Specification

Center Frequency (MHz)	1575.42 / 2450	1575 / 1604
Frequency Band (MHz)	1570 ~ 1580 / 2400 ~ 2500	1570 ~ 1580 / 1593 ~ 1615
V.S.W.R.	< 2.5	< 2.0
Polarization	Linear	Linear
Impedance(Ω)	50 typ.	50 typ.
Peak Gain (dBi)	0.6 / 0.9	3.1 / 3.2
Efficiency (%)	58 / 71	77 / 78
Dimension (mm)	a. 3.2 x 1.7 x 0.5	b. 5.2 x 3.7 x 0.7



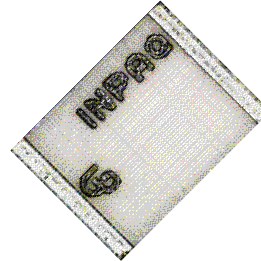
Chip Antenna	L	W	A	B	L1	W1	H
ACM0-3216	3.2±0.30	1.7±0.20	0.3±0.15	0.3±0.15	0.47±0.20	0.7±0.20	0.5±0.1



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

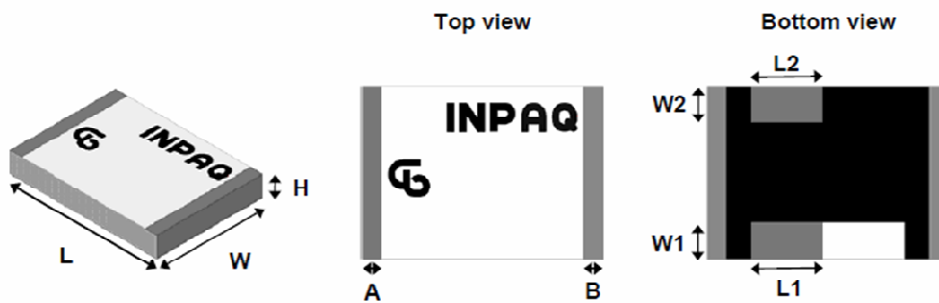
Product name **(2.4G+5G)**
ACM3-5036-A1-CC-S

Appearance



Specification

Center Frequency (MHz)	2450 / 5500
Frequency Band (MHz)	2400 ~ 2500 / 5000 ~ 6000
V.S.W.R.	< 2.0
Polarization	Linear
Impedance(Ω)	50 typ.
Peak Gain (dBi)	3.0 / 3.3
Efficiency (%)	73 / 80
Dimension (mm)	5.2 x 3.7 x 0.7



Marking is Black

L	5.20 ± 0.30
W	3.70 ± 0.30
H	0.70 ± 0.15
A	0.45 ± 0.25
B	0.45 ± 0.25
L1	1.60 ± 0.20
W1	0.62 ± 0.20
L2	1.50 ± 0.20
W2	0.62 ± 0.20

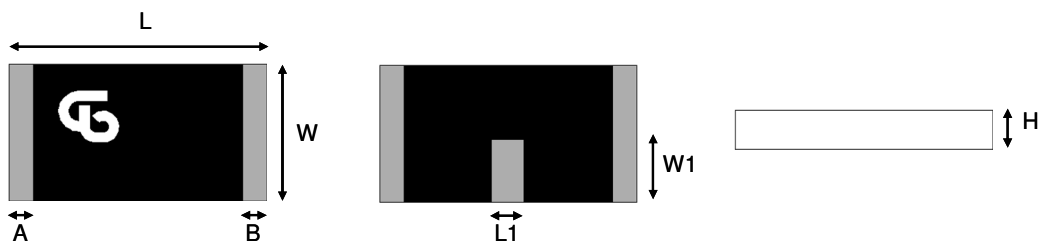
Product name (GPS+2.4G+5G)
ACM5-3216-A1-CC-S

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



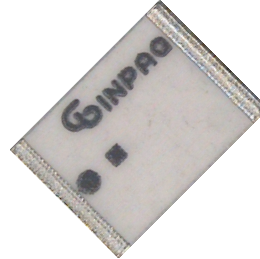
Chip Antenna	L	W	A	B	L1	W1	H
ACM0-3216	3.2±0.30	1.7±0.20	0.3±0.15	0.3±0.15	0.47±0.20	0.7±0.20	0.5±0.1

Product name

(GPS+Glonass+Compass all bands)

ACLX-5036-A1-CC-S

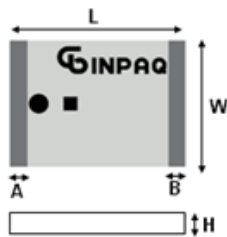
Appearance



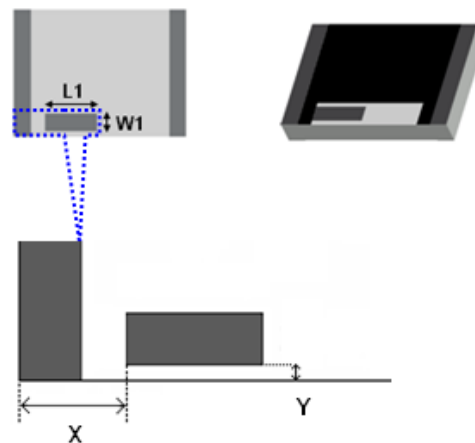
Specification

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