

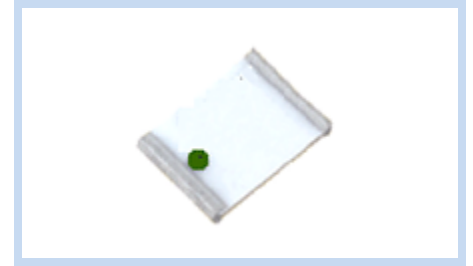
# Automotive Antenna GNSS 1575.42/1602MHz

AT5036GNM2

MERITEK

## FEATURES

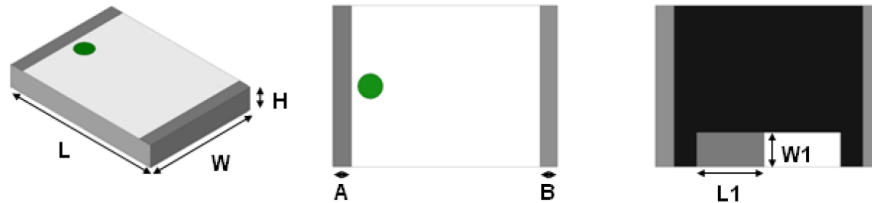
- Linear Polarization
- Tape and Reel for Automatic Surface Mounting
- Reflow Process Compatible



## ELECTRICAL CHARACTERISTICS

Item	Characteristic	
Center Frequency	1575.42 MHz	1602 MHz
Frequency Band	1570~1580 MHz	1593~1610 MHz
VSWR	<2.0	<2.0
Peak Gain	3.6 dBi	3.7 dBi
Efficiency	75%	77%
Characteristic Impedance	50Ω	
Polarization	Linear Polarization	

## DIMENSIONS



Unit: mm

Size	L±0.3	W±0.3	H±0.15	A±0.25	B±0.25	L1±0.2	W1±0.2
5036	5.2	3.7	0.7	0.45	0.45	1.1	0.55

## PART NUMBERING SYSTEM

AT    5036    GN    M2  
(1)    (2)    (3)    (4)

No	Item	Code	Description	
(1)	Product Code	AT	Antenna Series SMD Chip Antenna Type	
(2)	Size Code	5036	5.2x3.7mm	Length x Width mm
(3)	Frequency Code	GN	GNSS	See Frequency Table Below
(4)	Series Code	M2	Automotive Type	Internal Control or Project Reference

Frequency Band (Hz)	433M	915M	FM	GNSS	2.4G	2.4/5.0G	5.0G	LTE
Code	43	91	FM	GN	24	25	50	LT

\*Specifications subject to change without notice.