

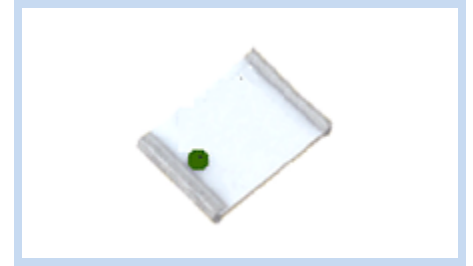
Automotive Antenna GNSS 1575.42MHz

AT5036GNM1

MERITEK

FEATURES

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



ELECTRICAL CHARACTERISTICS

Item	Characteristic
Center Frequency	1575.42 MHz
Frequency Band	1570~1580 MHz
VSWR	<2.0
Peak Gain	3.4 dBi
Efficiency	83%
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 M1
(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	M1	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.