

# Automotive Antenna 5GHz Frequency

AT503650M1

MERITEK

## FEATURES

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



## ELECTRICAL CHARACTERISTICS

Item	Characteristic
Center Frequency	5500 MHz
Frequency Band	5000~6000 MHz
VSWR	<2.0
Peak Gain	4.4 dBi
Efficiency	87%
Characteristic Impedance	50Ω
Polarization	Linear Polarization

## DIMENSIONS

Unit: mm

Size	L±0.3	W±0.3	A±0.25	B±0.25	L1±0.2	W1±0.2	H±0.15	X±0.25	Y±0.06
5036	5.2	3.7	0.45	0.45	1.55	0.55	0.7	0.85	0.12

## PART NUMBERING SYSTEM

AT    5036    50    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	50	5.0GHz	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.