

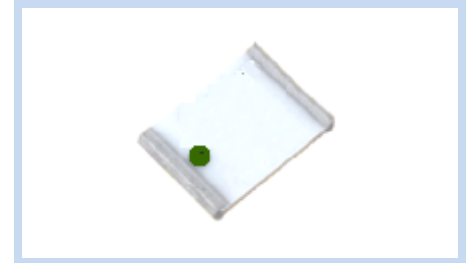
Automotive Antenna 2.4/5GHz Frequency

AT503625M1

MERITEK

FEATURES

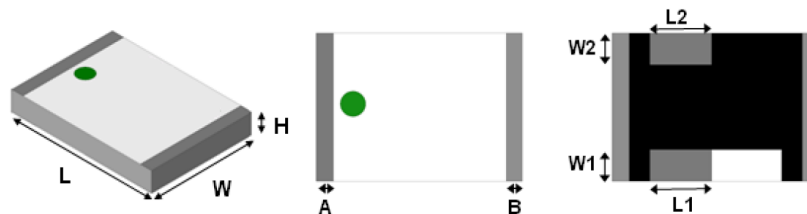
- Linear Polarization
- Tape and Reel for Automatic Surface Mounting
- Reflow Process Compatible



ELECTRICAL CHARACTERISTICS

Item	Characteristic	
Center Frequency	2450 MHz	5500 MHz
Frequency Band	2400~2500 MHz	5000~6000 MHz
VSWR	<2.0	<2.0
Peak Gain	3.2 dBi	3.5 dBi
Efficiency	74%	81%
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	L2±0.2	W2±0.2
5036	5.2	3.7	0.7	0.45	0.45	1.6	0.62	1.5	0.62

PART NUMBERING SYSTEM

AT 5036 25 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	25	2.4GHz/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.