

Automotive Antenna 2.4GHz Frequency

AT503624M1

MERITEK

FEATURES

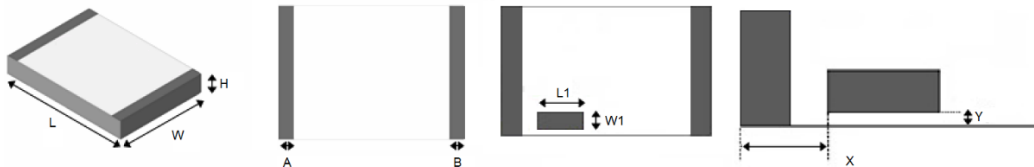
- Linear Polarization
- Tape and Reel for Automatic Surface Mounting
- Reflow Process Compatible



ELECTRICAL CHARACTERISTICS

Item	Characteristic
Center Frequency	2450 MHz
Frequency Band	2400~2500 MHz
VSWR	<2.5
Peak Gain	3.2 dBi
Efficiency	81%
Impedance	50Ω
Polarization, Typical	Linear Polarization

DIMENSIONS



Unit: mm

Size	L±0.3	W±0.3	A±0.25	B±0.25	L1±0.2	W2±0.20	H±0.15	X±0.25	Y±0.06
5036	5.2	3.7	0.45	0.45	1.1	0.55	0.7	0.85	0.12

PART NUMBERING SYSTEM

AT 5036 24 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	24	2.4GHz 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.