

# RF Ceramic Chip Antenna 2.4/5 GHz Dual-Band

AT982325C3

MERITEK

## FEATURES

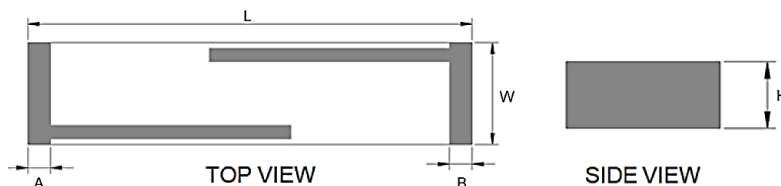
- Linear Polarization
- Tape and Reel for Automatic Surface Mounting
- Reflow Process Compatible



## ELECTRICAL CHARACTERISTICS

Item	Characteristic	
Center Frequency	2.4 GHz Dual-Band	5 GHz Dual-Band
Frequency Band	2400~2500 MHz	5150~5850 MHz
VSWR	<2.0~2.5	<2.0~2.5
Peak Gain	3.8 dBi	4.0 dBi
Efficiency	55%	66%
Characteristic Impedance	50Ω	
Polarization	Linear Polarization	
Operating Temperature	-40~85 °C	

## DIMENSIONS



Unit: mm

Size	L±0.20	W±0.20	H±0.15	A±0.20	B±0.20
9823	9.80	2.3	1.0	0.50	0.50

## PART NUMBERING SYSTEM

AT    9823    25    C3  
(1)    (2)    (3)    (4)

No	Item	Code	Description	
(1)	Product Code	AT	Antenna Series SMD Chip Antenna Type	
(2)	Size Code	9823	9.8x2.3mm	Length x Width mm
(3)	Frequency Code	25	2.4GHz/5.0GHz	See Frequency Table Below
(4)	Series Code	C3	Standard 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.