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Part Number:

2119640001

Status:

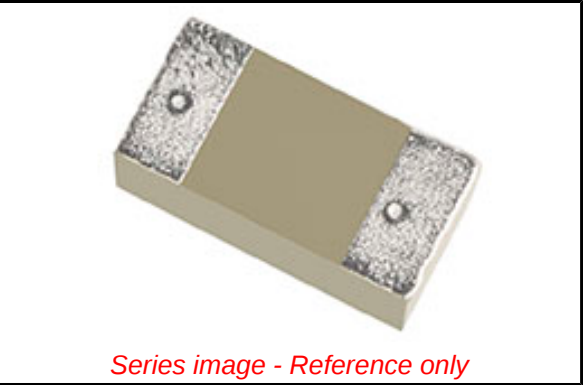
Active

Overview:

Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee

Description:

2.4GHz / 5GHz Ceramic Loop SMT Antenna



Documents:	
HFSS Model	Application Specification 2119640001-AS (PDF)
3D Model	Packaging Specification 2119640001-PPK (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2119640001-PS (PDF)	

General	
Product Family	Antennas
Series	211964
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz Ceramic SMT Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Wi-Fi Antenna
UPC	191130538799
Physical	
Cable Length	N/A
Length	3.20mm
Mounting Style	Surface Mount
Net Weight	0.019/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	1.20mm
Width	1.60mm
Electrical	
Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Electrical Connectivity	SMD
Peak Gain (dBi)	2.1 @ 2.4 GHz (Dual-band), 2.2 @ 5 GHz (Dual-band), 2.7 @ 2.4 GHz (Single-band)
Return Loss - S11 (dB)	< -5, < -6
Total Efficiency	>65% @ 5G (Dual-band), >70% @ 2.4G (Dual-band), >80% @ 2.4G (Single-band)
Material Info	
Reference - Drawing Numbers	
Application Specification	2119640001-AS
Packaging Specification	2119640001-PPK
Product Specification	2119640001-PS
Sales Drawing	2119640001-SD

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)10043-DC (17 Jan 2022)	
Halogen-Free Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[211964](#) Series

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