

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

2119640001

Status:

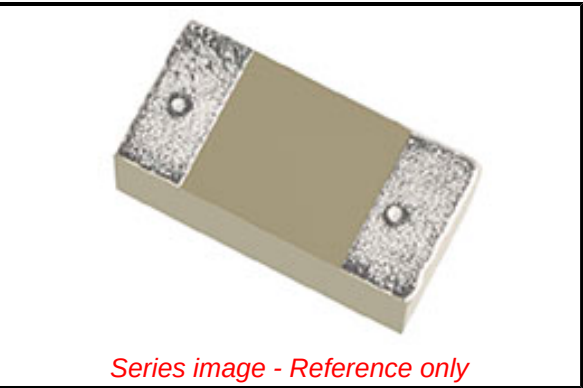
Active

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(2020)4578-DC (25 June 2020)	
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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION