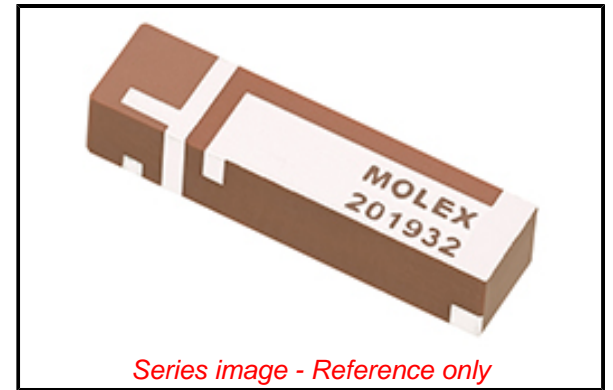


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2019320001](#)
Status: **Active**
Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Description: [Wi-Fi Triple Band SMT Antenna](#)

Documents:

3D Model	Application Specification 2019320001-AS (PDF)
3D Model (PDF)	Packaging Specification 2019320001-PK (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2019320001-PS (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	Antennas
Series	201932
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	Wi-Fi Triple Band SMT
Protocol	BLE, BT, LoRa, SigFox, Thread, Wi-Fi, Wi-Fi HaLow, Wireless Hart, Z-Wave, Zigbee
Type	Combo Wi-Fi/Cellular/ISM
UPC	191128317351

Physical

Cable Length	N/A
Length	20.00mm
Mounting Style	Surface Mount
Net Weight	1.568/g
Packaging Type	Embossed Tape on Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	4.00mm
Width	5.00mm

Electrical

Band#1 F_End (MHz)	924
Band#1 F_Start (MHz)	900
Band#2 F_End (MHz)	2500
Band#2 F_Start (MHz)	2400
Band#3 F_End (MHz)	5850
Band#3 F_Start (MHz)	5150
Electrical Connectivity	SMD
Peak Gain (dBi)	0.7 @ 900 MHz, 4.2 @ 2.4 GHz, 4.5 @ 5.15 GHz
Return Loss - S11 (dB)	< -5, < -6
Total Efficiency	>40% @ 900 MHz, >55% @ 5.15 GHz, >65% @ 2.4 GHz

Material Info

Reference - Drawing Numbers

Application Specification	2019320001-AS
Packaging Specification	2019320001-PK
Product Specification	2019320001-PS
Sales Drawing	2019320001-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[201932 Series](#)

This document was generated on 09/28/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION