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

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2019320001-AS (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2019320001-PK (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2019320001-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Antennas
Series	<a href="#">201932</a>
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	<a href="#">Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</a>
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

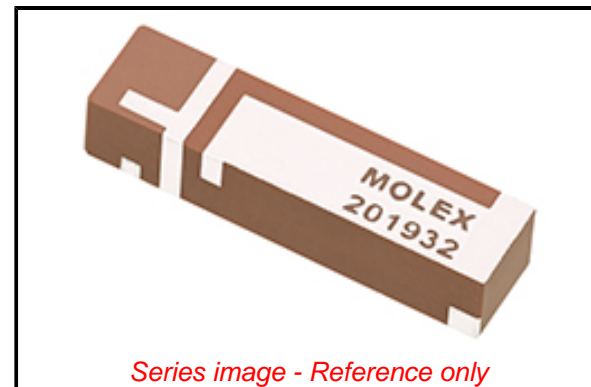
**Electrical**

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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU 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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[201932 Series](#)

This document was generated on 07/13/2020

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