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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:

| | |
|---|---|
| 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) |

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 |

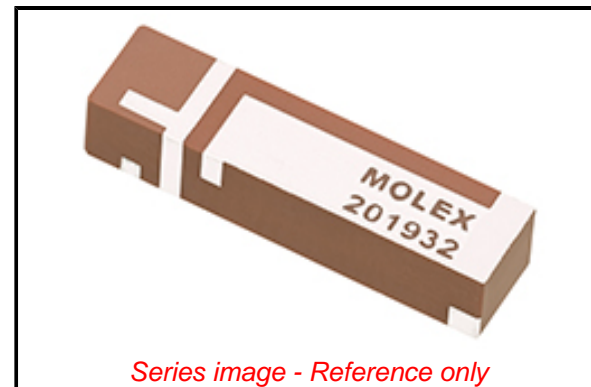
Electrical

| | |
|-------------------------|---|
| 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 |



Series image - Reference only

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](#)

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