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Part Number: [2019320001](#)
Status: **Active**
Overview: [Antennas](#)
Description: Wi-Fi Triple Band SMT Antenna

Documents:

Drawing (PDF)	Packaging Specification 2019320001-PK (PDF)
Product Specification 2019320001-PS (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2019320001-AS (PDF)	Product Literature (PDF)

General

Product Family	Antennas
Series	201932
Component Type	Surface Mount Device Antenna
Overview	Antennas
Product Literature Order No	987651-7041
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

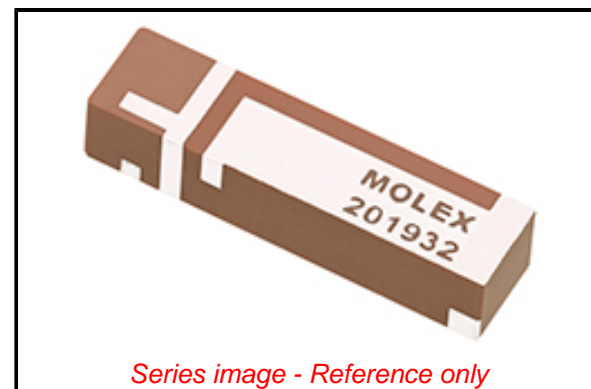
Electrical

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
Impedance	50Ω
Number of Bands	3
Peak Gain (dBi)	0.7 @ 900M, 4.2 @ 2.4G, 4.5 @ 5.15G
Return Loss - S11 (dB)	< -5, < -6
Total Efficiency	>40% @ 900M, >55% @ 5.15G, >65% @ 2.4G

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

Contained Per - ED/01/2018 (15 January 2018)
 2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[201932 Series](#)

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