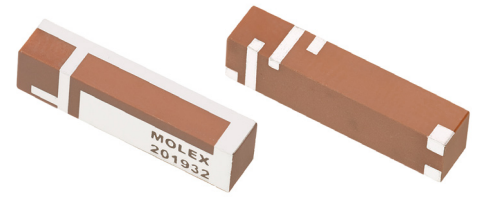


Triple-band (900MHz, 2.45GHz) Wi-Fi Antenna

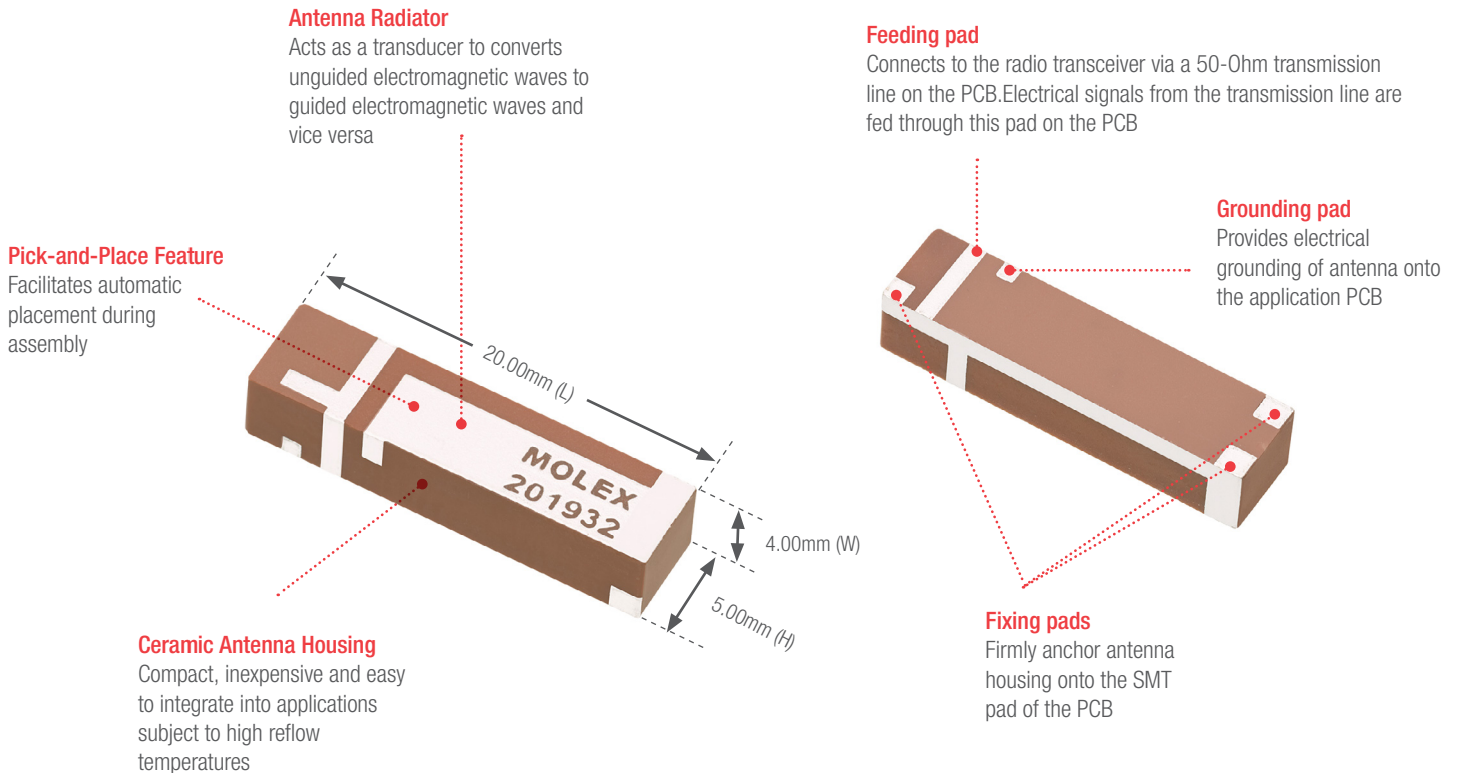
molex®

Offering greater power efficiency and longer-range connectivity to Wi-Fi Certified products, triple-band ceramic antenna enables multi-vendor operability and easy setup for IoT and M2M applications

Features and Benefits



Triple-band Wi-Fi Ceramic Antennas (Series 201932)



Applications

Consumer

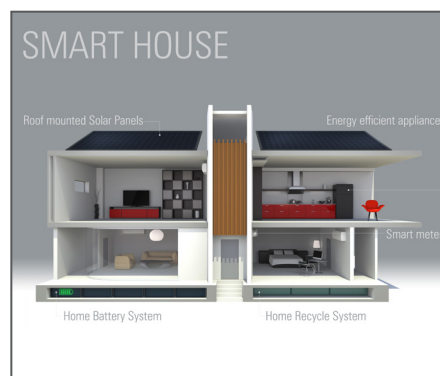
- Smart Homes
- IoT

Automotive

- Connected Vehicle

Industrial

- Smart Cities



Smart Home



Internet of Things (IoT)

Triple-band (900MHz, 2.45GHz) Wi-Fi Antenna



Specifications

REFERENCE INFORMATION

Packaging:
Use with: Wi-Fi HaLow-technology devices
Designed In: Millimeters
RoHS: Yes
Halogen Free: Yes
Glow Wire Compliant: No

ELECTRICAL

Frequency Range:
900 to 924MHz,
2.4 to 2.5GHz,
5.15 to 5.85GHz
Return Loss: < -5, -6 and -5dB respectively
Average Total Radiation Efficiency (%):
>40%, >65%, >55% respectively
Peak Gain (dBi): 0.7, 4.2, 4.5dBi respectively
Input Impedance (ohms): 50

MECHANICAL

Tape Test: Acceptance <10% peeling off

PHYSICAL

Material: Ceramic
Plating: Silver (Ag) 11±4microns
Operating Temperature: -40 to 125°C

Ordering Information

Series No.	Substrate	Mounting	Dimensions (mm)
<u>201932</u>	Ceramic	SMT	20.00 (L) by 4.00 (W) by 5.00 (H) mm

www.molex.com/link/standard_antennas.html

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