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Part Number: **2084820100**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz MIMO 2x2 Flexible Antenna, Length 100.00mm

Documents:

| | |
|--|--|
| Drawing (PDF) | Packaging Specification 2084820100-001 (PDF) |
| Product Specification 2084820100-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification 2084820100-001 (PDF) | Product Literature (PDF) |

General

| | |
|-----------------------------|---|
| Product Family | Antennas |
| Series | 208482 |
| Component Type | Flexible Antenna with Cable |
| Mates With | 73412-0110 Microcoaxial RF, 50 Ohm |
| Overview | Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee |
| Product Literature Order No | 987651-6901 |
| Product Name | 2.4/5GHz Flexible Antenna |
| Protocol | BLE, BT, Thread, Wi-Fi, Zigbee |
| Type | Wi-Fi Antenna |
| UPC | 191130083435 |

Physical

| | |
|-------------------|-----------------|
| Cable Length | 100.00mm |
| Length | 55.20mm |
| Mounting Style | Adhesive |
| Net Weight | 1.339/g |
| Packaging Type | PET Film |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Thickness | 0.16mm |
| Width | 19.20mm |

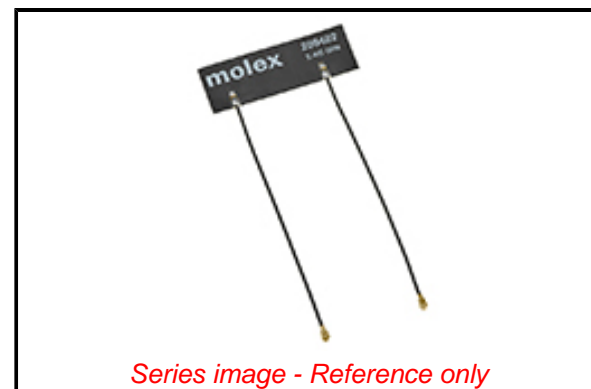
Electrical

| | |
|-------------------------|--|
| Band#1 F_End (MHz) | 2483.5 |
| Band#1 F_Start (MHz) | 2400 |
| Band#2 F_End (MHz) | 5850 |
| Band#2 F_Start (MHz) | 5150 |
| Electrical Connectivity | Cable |
| Peak Gain (dBi) | 2.9 @ 2.4G, 5.0 @ 5G (Port 1), 3.4 @ 2.4G, 5.9 @ 5G (Port 2) |
| Return Loss - S11 (dB) | < -8 < -13 (Port 1), < -9 < -13 (Port 2) |
| Total Efficiency | 65%@2.4GHz, 75%@5GHz (Port 1), 75%@2.4GHz, 70%@5GHz (Port 2) |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|----------------|
| Application Specification | 2084820100-001 |
| Packaging Specification | 2084820100-001 |
| Product Specification | 2084820100-000 |
| Sales Drawing | 2084820100-000 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

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

[208482](#) Series