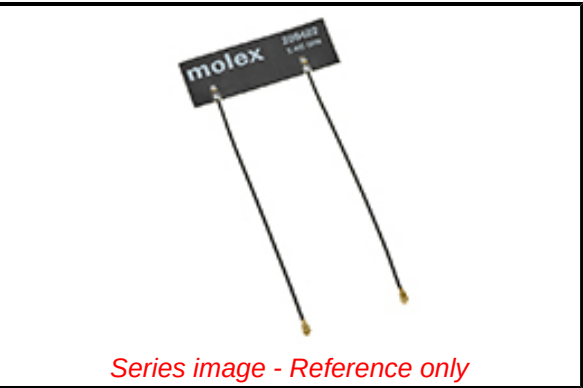


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Part Number: [2084820100](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz MIMO 2x2 Flexible Antenna, Length 100.00mm



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

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[208482](#) Series