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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, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification 2084820100-000 (PDF)
- Application Specification 2084820100-001 (PDF)
- Packaging Specification 2084820100-001 (PDF)
- Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	208482
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
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

China RoHS

REACH SVHC
Not Contained Per - ECHA_01_2020 (16 January 2020

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
208482 Series

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