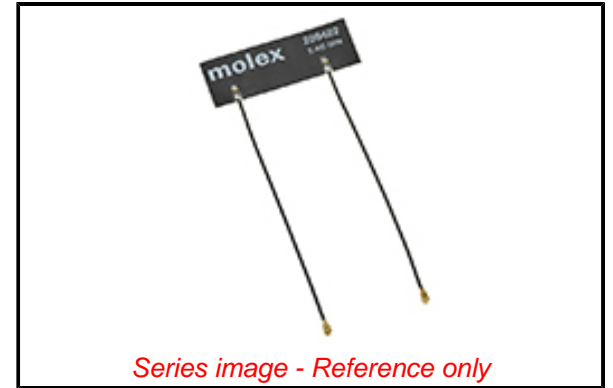


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Part Number: **2084820100**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: Wi-Fi 6E Flex Cabled 2x2 MIMO Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

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

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

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