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Part Number:

2123300100

Status:

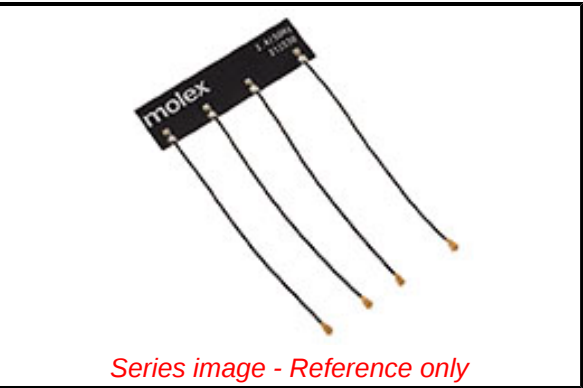
Active

Overview:

Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee

Description:

Wi-Fi 6E Flex Cabled 4x4 MIMO Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Documents:	
3D Model	Application Specification 2123300100-000 (PDF)
3D Model (PDF)	Packaging Specification 2123300100-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2123300100-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Antennas
Series	212330
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz Flexible Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Zigbee
Taxonomy	Antennas
Type	Internal, Wi-Fi Antenna
UPC	193264251025
Physical	
Cable Length	100.00mm
Length	70.00mm
Mounting Style	Adhesive
Net Weight	2.365/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	20.00mm
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)	2.4 @ 2.4G, 3.3 @ 5G (Port 1), 2.6 @ 2.4G, 2.3 @ 5G (Port 2), 3.0 @ 2.4G, 3.4 @ 5G (Port 3), 3.5 @ 2.4G, 3.9 @ 5G (Port 4)
Return Loss - S11 (dB)	< -10 (Port 1), < -10 (Port 3), < -10 (Port 4), < -10 < -9 (Port 2)
Total Efficiency	>50%@2.4GHz,>70%@5GHz (Port 3), >55%@2.4GHz,>65%@5GHz (Port 2), >55%@2.4GHz,>65%@5GHz (Port 4), >55%@2.4GHz,>70%@5GHz (Port 1)
Material Info	
Reference - Drawing Numbers	
Application Specification	2123300100-000
Packaging Specification	2123300100-001
Product Specification	2123300100-001

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained per - D(2022)9120-DC (17 Jan 2023)	
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

212330 Series

Mates With

734120110 Microcoaxial RF, 50 Ohm

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