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Part Number: **2123300150**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz MIMO 4x4 Flexible Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

[Drawing \(PDF\)](#) [Packaging Specification 2123300100-001 \(PDF\)](#)
[Product Specification 2123300100-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification 2123300100-000 \(PDF\)](#)

General

Product Family	Antennas
Series	212330
Component Type	Flexible Antenna with Cable
Datasheet Order No	987651-6901
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	193264251032

Physical

Cable Length	150.00mm
Length	70.00mm
Mounting Style	Adhesive
Net Weight	2.945/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	20.00mm

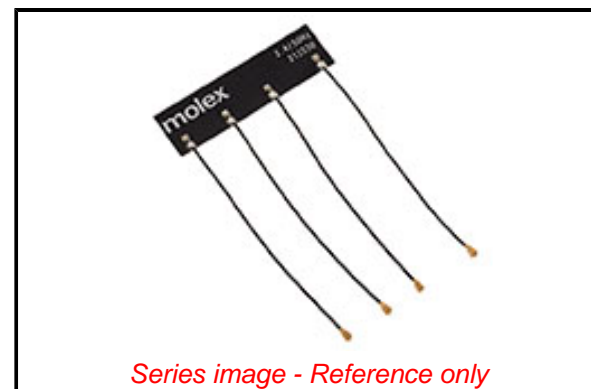
Electrical

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)	3.4 @ 2.4G, 3.6 @ 5G (Port 1), 3.6 @ 2.4G, 3.6 @ 5G (Port 3), 3.6 @ 2.4G, 4.2 @ 5G (Port 4), 3.6 @ 2.4G, 4.5 @ 5G (Port 2)
Return Loss - S11 (dB)	< -4 < -5 (Port 3), < -5 < -10 (Port 1), < -5 < -10 (Port 2), < -5 < -10 (Port 4)
Total Efficiency	>45%@2.4GHz,>60%@5GHz (Port 1), >45%@2.4GHz,>60%@5GHz (Port 3), >50%@2.4GHz,>65%@5GHz (Port 2), >60%@2.4GHz,>60%@5GHz (Port 4)

Material Info

Reference - Drawing Numbers

Application Specification	2123300100-000
Packaging Specification	2123300100-001
Product Specification	2123300100-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

212330 Series

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