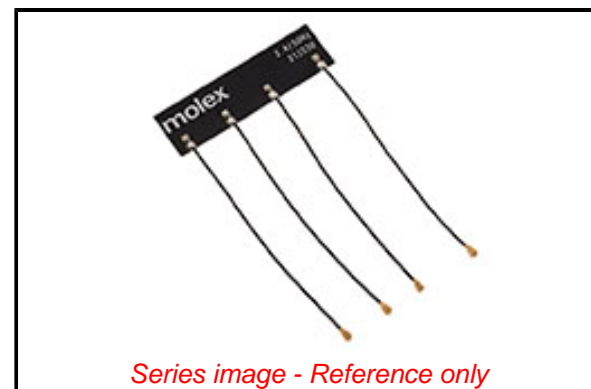


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2123300150**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: Wi-Fi 6E Flex Cabled 4x4 MIMO Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

3D Model	Application Specification 2123300100-000 (PDF)
Drawing (PDF)	Packaging Specification 2123300100-001 (PDF)
3D Model (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
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

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

Search Parts in this Series

[212330](#) Series

This document was generated on 09/28/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION