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Part Number: [2069950150](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Wi-Fi PCB Antenna for Metal Surfaces, 20.50mm Width, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=21406101502140610150>

Documents:

3D Model	Application Specification 2069950150-AS (PDF)
Drawing (PDF)	Packaging Specification 2069950150-PK (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2069950150-PS (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	206995
Comments	Size of replacement part 2140610150 is slightly smaller, feed point from middle to corner
Component Type	PCB 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 PCB Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Replacement Part Number	2140610150
Replacement Part Number	see comments below
Type	Wi-Fi Antenna
UPC	191130042098

Physical

Cable Length	150.00mm
Length	20.50mm
Mounting Style	Adhesive
Net Weight	3.348/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	3.00mm
Width	20.50mm

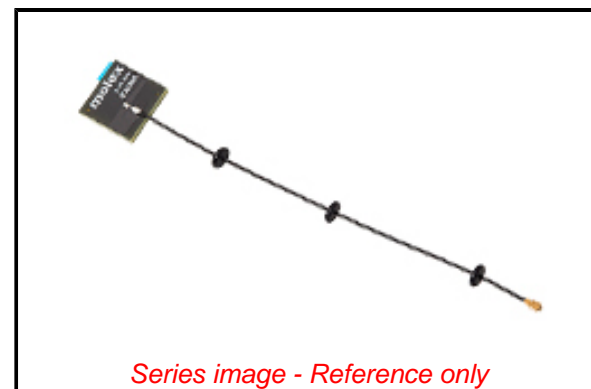
Electrical

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)	2.6 @ 2.4 GHz, 3.4 @ 5 GHz
Return Loss - S11 (dB)	< -10, < -8.5
Total Efficiency	>55% @2.4 GHz, >71% @ 5 GHz

Material Info

Reference - Drawing Numbers

Application Specification	2069950150-AS
Packaging Specification	2069950150-PK
Product Specification	2069950150-PS



Series image - Reference only

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

[206995](#) Series

This document was generated on 09/01/2021

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