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Part Number: [2140610150](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Wi-Fi On-Metal Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

HFSS Model	Application Specification 2140610150-AS (PDF)
Drawing (PDF)	Packaging Specification 2140610150-001 (PDF)
3D Model	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2140610150-PS (PDF)	

General

Product Family	Antennas
Series	214061
Component Type	On-metal Antenna with Cable
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz On-Metal Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Wi-Fi Antenna
UPC	193264608393

Physical

Cable Length	150.00mm
Length	20.20mm
Mounting Style	Adhesive
Net Weight	1.560/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	3.50mm
Width	20.20mm

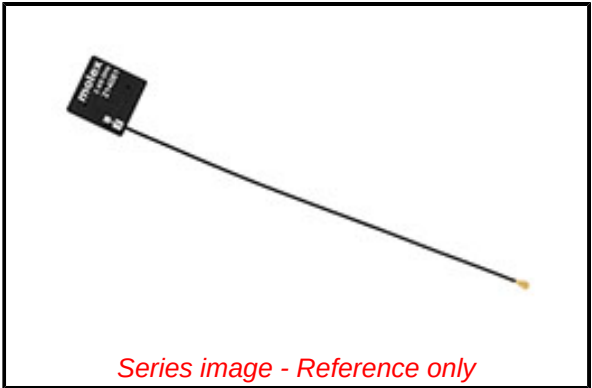
Electrical

Band#1 F_End (MHz)	2485
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Electrical Connectivity	Cable
Peak Gain (dBi)	3.8 @ 2.4 GHz, 6.4 @ 5 GHz
Return Loss - S11 (dB)	< -6, < -9
Total Efficiency	>55% @ 5 GHz, >60% @2.4 GHz

Material Info

Reference - Drawing Numbers

Application Specification	2140610150-AS
Packaging Specification	2140610150-001
Product Specification	2140610150-PS
Sales Drawing	2140610150-000



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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[214061](#) Series