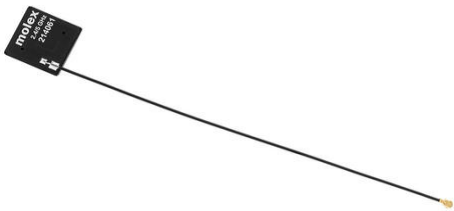




Part Number : [2140610100](#)
Product Description : 2.4GHz / 5GHz Wi-Fi On-Metal
Antenna, 100.00mm Cable Length, Compatible with
U.FL / I-PEX MHF Connectors
Series Number : 214061
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

- [2140610100_sd.pdf](#)
- [2140610150-001.pdf](#)

3D Models and Design Files

- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [2140610150-AS.pdf](#)
- [2140610150-PS.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Antennas
Series	214061
Description	2.4GHz / 5GHz Wi-Fi On-Metal Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	On-metal Antenna with Cable
Function	Signal
Product Name	2.4/5GHz On-Metal Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Internal, Wi-Fi Antenna
UPC	193264608386

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)	3.6 @ 2.4 GHz, 6.2 @ 5 GHz

Return Loss - S11 (dB)	< -9
Total Efficiency	>60% @2.4 GHz, >65% @ 5 GHz

Physical

Cable Length	100.00mm
Length	20.20mm
Mounting Style	Adhesive
Net Weight	1.410/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	3.50mm
Width	20.20mm

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