Part Number : 2140610150
Product Description : 2.4GHz / 5GHz Wi-Fi On-Metal Antenna, 150.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Series Number : 214061
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

2140610150_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)7771-DC (04 Feb 2026)
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, 150.00mm 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	193264608393

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

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