



Part Number : 2069950150


Series Number : 206995  
Product Category : Antennas

Product 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  
Status : Obsolete

Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Obsolete
Category	Antennas

Series	206995
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
Comments	Size of replacement part, 2140610150, is slightly smaller, feed point from middle to corner
Component Type	PCB Antenna with Cable
Function	Signal
Product Family	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
Type	Wi-Fi Antenna
UPC	191130042098

## 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

## 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
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