



Part Number : 2144281001
Product Description : 2.4GHz Wi-Fi/Bluetooth External Antenna, Compatible with U.FL / I-PEX MHF Connectors, White
Series Number : 214428
Status : New Business Not Supported
Product Category : Antennas



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	Contains Lead per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant with Exemption 6(c) 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	New Business Not Supported
Category	Antennas
Series	214428
Description	2.4GHz Wi-Fi/Bluetooth External Antenna, Compatible with U.FL / I-PEX MHF Connectors, White
Component Type	External Antenna
Function	Signal
Product Family	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4GHz Wi-Fi/BT Antenna
Protocol	BT, Wi-Fi
Type	External
UPC	193264436057

Electrical

Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Electrical Connectivity	Cable
Peak Gain (dBi)	3.1 @ 2.4 GHz
Return Loss - S11 (dB)	< -8
Total Efficiency	>75% @ 2.4 GHz

Physical

Length	104.00mm
Mounting Style	N/A
Net Weight	6.000/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	9.35mm

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