



Part Number : [2144150001](#)
Product Description : 2.4GHz Wi-Fi/Bluetooth
Hinged External Antenna, with SMA Male
Connector, Black
Series Number : 214415
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

[Drawing 2144150001_sd.pdf](#)
[Packaging Design Drawing 2128600001-PK1.pdf](#)

3D Models and Design Files


[3D Model 2144150001_stp.zip](#)

Specifications

[Application Specification 2144150001-AS.pdf](#)
[Product Specification 2144150001-PS.pdf](#)

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	Active
Category	Antennas
Series	214415
Description	2.4GHz Wi-Fi/Bluetooth Hinged External Antenna, with SMA Male Connector, Black
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	193264434725

Electrical

Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Electrical Connectivity	Cable
Peak Gain (dBi)	5.3 @ 2.4 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>80% @ 2.4 GHz

Physical

Length	108.40mm
Mounting Style	N/A
Net Weight	9.250/g
Packaging Type	PET Bag

Polarization	Linear
Radiation Pattern	Omnidirectional
Width	9.35mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	SMA Female Receptacle

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