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 and Resources

Drawings

2144150001_sd.pdf

2128600001-PK1.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2144150001-AS.pdf

2144150001-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	Contains Lead per D(2025)7771-DC (04 Feb 2026) SCIP:6e7521d4-a8de-4f0b-890a-d66d6d7144eb
EU RoHS	Compliant with Exemption 6(c) 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	214415
Description	2.4GHz Wi-Fi/Bluetooth Hinged External Antenna, with SMA Male Connector, Black
Component Type	External Antenna
Function	Signal
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