Part Number : 2144140001
Product Description : ISM/DSRC Hinged External Antenna, with SMA Male Connector, Black
Series Number : 214414
Status : Active
Product Category : Antennas
Engineering Part Number : 214414-001



Documents and Resources

Drawings

2144140001_sd.pdf

2128600001-PK1.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2144140001-AS.pdf

2144140001-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:72aa76b0-1f6b-4388-b62a-90a47acf8b5b
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

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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	214414
Description	ISM/DSRC Hinged External Antenna, with SMA Male Connector, Black
Component Type	External Antenna
Function	Signal
Product Name	ISM/DSRC Hinged Antenna
Protocol	DSRC, ISM
Type	External
UPC	193264434770

Electrical

Band#1 F_End (MHz)	6000
Band#1 F_Start (MHz)	5800
Electrical Connectivity	Cable
Peak Gain (dBi)	3.9 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>75% @ 5 GHz

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Physical

Length	108.40mm
Mounting Style	N/A
Net Weight	9.250/g
Packaging Type	Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Temperature Range - Operating	-40° to +85°C
Width	9.35mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	SMA Jack Receptacle

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