



Part Number : [2144140011](#)
Product Description : ISM/DSRC Hinged External
Antenna, with Reverse Polar SMA Male Connector,
Black
Series Number : 214414
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

[2144140011_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)
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	214414
Description	ISM/DSRC Hinged External Antenna, with Reverse Polar SMA Male Connector, Black
Component Type	External Antenna
Function	Signal
Product Name	ISM/DSRC Hinged Antenna
Protocol	DSRC, ISM
Type	External
UPC	193264434787

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

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	Reverse Polar SMA Female Receptacle

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