

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2144140011](#)
Status: **Active**
Overview: [Industrial, Scientific and Medical \(ISM\) Antennas](#)
Description: ISM/DSRC Hinged External Antenna, with RP-SMA Male Connector, Black

Documents:

3D Model	Application Specification 2144140001-AS (PDF)
3D Model (PDF)	Packaging Specification 2128600001-PK1 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2144140001-PS (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	214414
Component Type	External Antenna
Function	Signal
Mates With	SMA Jack Receptacle
Overview	Industrial, Scientific and Medical (ISM) Antennas
Product Name	ISM/DSRC Hinged Antenna
Protocol	DSRC, ISM
Type	External Antenna
UPC	193264434787

Physical

Length	108.40mm
Mounting Style	N/A
Net Weight	7.715/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Temperature Range - Operating	-40° to +85°C
Width	9.35mm

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

Material Info

Reference - Drawing Numbers

Application Specification	2144140001-AS
Packaging Specification	2128600001-PK1
Product Specification	2144140001-PS
Sales Drawing	2144140001-SD



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

**Compliant with
Exemption 6(c)**

REACH SVHC

Contained Per -
D(2020)9139-DC (19
Jan 2021)
lead

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[214414](#) Series