

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:	<u>2144141001</u>
Status:	Active
Overview:	Industrial, Scientific and Medical (ISM) Antennas
Description:	ISM/DSRC Hinged External Antenna, with SMA Male Connector, White

Documents:

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



Series image - Reference only

General

Product Family	Antennas
Series	<u>214414</u>
Component Type	External Antenna
Function	Signal
Mates With	SMA Jack Receptacle
Overview	<u>Industrial, Scientific and Medical (ISM) Antennas</u>
Product Name	ISM/DSRC Hinged Antenna
Protocol	DSRC, ISM
Taxonomy	Antennas
Type	External Antenna
UPC	193264434794

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

EU ELV

Not Relevant

EU RoHS

**Compliant with
Exemption 6(c)**

REACH SVHC

Contained Per -
D(2022)4187-DC (10
June 2022)

Lead
Octamethylcyclotetrasiloxane

Halogen-Free

Status

Low-Halogen

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

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

214414 Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION