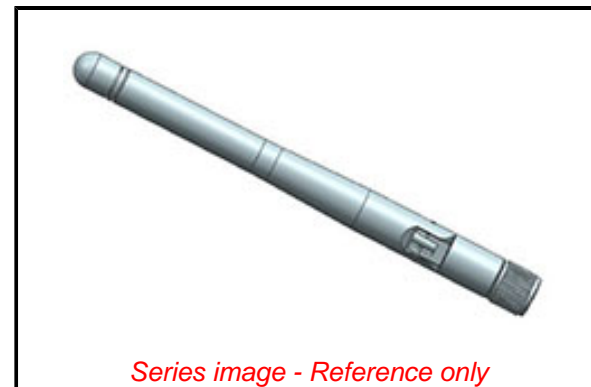


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2144140001-AS (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2128600001-PK1 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2144140001-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">214414</a>
Component Type	External Antenna
Function	Signal
Mates With	SMA Jack Receptacle
Overview	<a href="#">Industrial, Scientific and Medical (ISM) Antennas</a>
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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per - ECHA\_01\_2020 (16 January 2020)

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](#)