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Part Number: [2144140001](#)
Status: **Active**
Overview: Industrial, Scientific and Medical (ISM) Antennas
Description: ISM/DSRC Hinged External Antenna, with SMA Male Connector, Black

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)



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	193264434770

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

Engineering Number	214414-001
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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(2020)4578-DC (25
June 2020)

Lead

Halogen-Free

Status

Low-Halogen

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China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

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