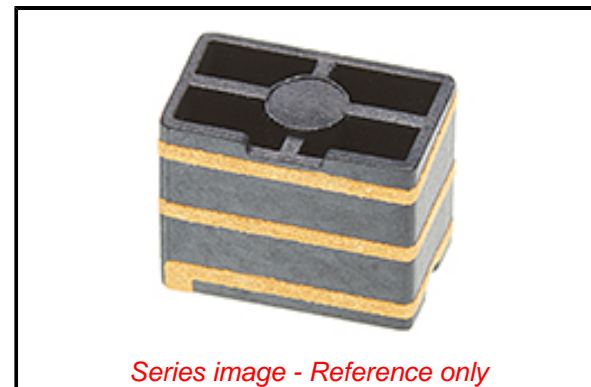


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Part Number: [1462350001](#)
Status: **Active**
Overview: GNSS/GPS Antennas
Description: Helix SMT GPS Antenna

Documents:

Drawing (PDF)	Application Specification 1462350001-AS (PDF)
3D Model	Packaging Specification 1462350001-PK (PDF)
3D Model (PDF)	Datasheet (PDF)
HFSS Model	RoHS Certificate of Compliance (PDF)
Product Specification 1462350001-PS (PDF)	



General

Product Family	Antennas
Series	146235
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	GNSS/GPS Antennas
Product Name	Helix SMT GPS Antenna
Protocol	BeiDou, Galileo, GLONASS, GPS
Type	GNSS Antenna
UPC	889056690010

Physical

Cable Length	N/A
Length	5.00mm
Mounting Style	Surface Mount
Net Weight	0.058/g
Packaging Type	Embossed Tape on Reel
Polarization	Elliptic
Radiation Pattern	Omnidirectional
Thickness	4.00mm
Width	3.00mm

Electrical

Band#1 F_End (MHz)	1566
Band#1 F_Start (MHz)	1556
Band#2 F_End (MHz)	1580
Band#2 F_Start (MHz)	1571
Band#3 F_End (MHz)	1607
Band#3 F_Start (MHz)	1597
Electrical Connectivity	SMD
Peak Gain (dBi)	0.7 @ 1561 MHz, 1.1 @ 1575 MHz, 1.1 @ 1602 MHz
Return Loss - S11 (dB)	< -8
Total Efficiency	>50% @ 1561 MHz, >50% @ 1602 MHz, >55% @ 1575 MHz

Material Info

Reference - Drawing Numbers

Application Specification	1462350001-AS
Packaging Specification	1462350001-PK
Product Specification	1462350001-PS
Sales Drawing	1462350001-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[146235 Series](#)

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