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

Documents:

Drawing (PDF)	Packaging Specification 1462350001-PK (PDF)
Product Specification 1462350001-PS (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 1462350001-AS (PDF)	Product Literature (PDF)

General

Product Family	Antennas
Series	146235
Component Type	Surface Mount Device Antenna
Overview	Standard Antennas
Product Literature Order No	987651-5071
Product Name	Helix SMT GPS Antenna
Protocol	GPS
Type	GPS 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

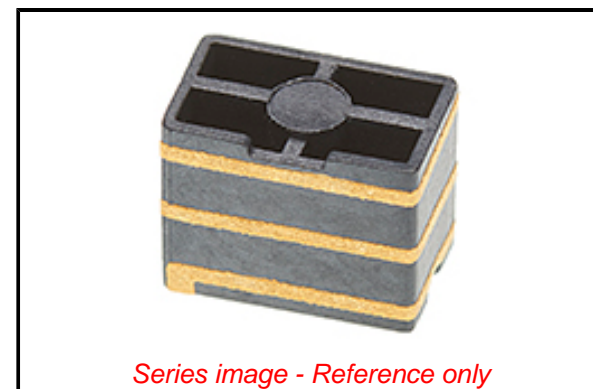
Electrical

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
Impedance	50Ω
Number of Bands	1
Peak Gain (dBi)	0.7 @ 1561M, 1.1 @ 1575M, 1.1 @ 1602M
Return Loss - S11 (dB)	< -8
Total Efficiency	>50% @ 1561M, >50% @ 1602M, >55% @ 1575M

Material Info

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

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non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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