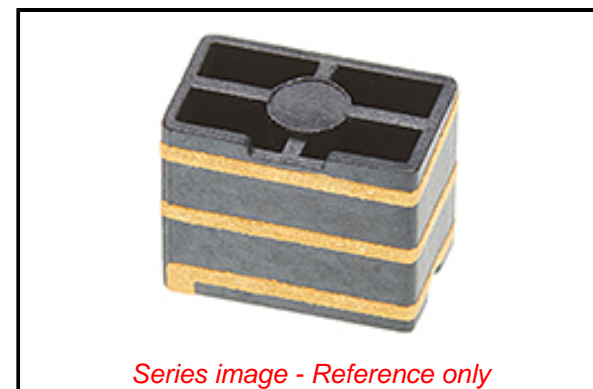


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Part Number: [1462350001](#)
Status: **Active**
Overview: [GNSS/GPS Antennas](#)
Description: Helix SMT GPS Antenna

Documents:

| | |
|---|---|
| 3D Model | Application Specification 1462350001-AS (PDF) |
| 3D Model (PDF) | Packaging Specification 1462350001-PK (PDF) |
| Drawing (PDF) | Datasheet (PDF) |
| Product Specification 1462350001-PS (PDF) | RoHS Certificate of Compliance (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 -
ECHA_01_2020 (16
January 2020

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](#)