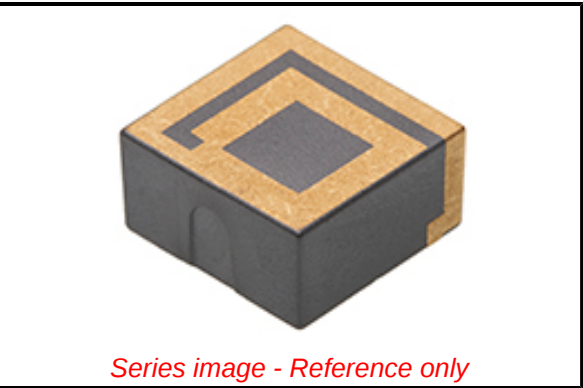


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Part Number: [1462160001](#)
Status: **Active**
Overview: [Antennas](#)
Description: RHCP LDS SMT GPS Antenna



Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-146216-001-001 \(PDF\)](#)
[Application Specification AS-146216-001-001 \(PDF\)](#)
[Packaging Specification PK-146216-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)
[Product Literature \(PDF\)](#)

General
Product Family Antennas
Series [146216](#)
Component Type Surface Mount Device Antenna
Overview [Antennas](#)
Product Literature Order No 987651-5071
Product Name RHCP LDS GPS Antenna
Protocol GPS
Type GPS Antenna
UPC 889056690140

Physical
Cable Length N/A
Length 11.80mm
Mounting Style Surface Mount
Net Weight 0.655/g
Packaging Type Embossed Tape on Reel
Polarization Right Handed Circular
Radiation Pattern Omnidirectional
Thickness 5.95mm
Width 11.50mm

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) 0.6 @ 1561M, 1.1 @ 1575M, 1.1 @ 1602M
Return Loss - S11 (dB) < -10
Total Efficiency >55% @ 1561M, >57% @ 1575M, >60% @ 1602M

Material Info

Reference - Drawing Numbers
Application Specification AS-146216-001-001
Packaging Specification PK-146216-001-001
Product Specification PS-146216-001-001
Sales Drawing SD-146216-001-001

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

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China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[146216](#) Series