



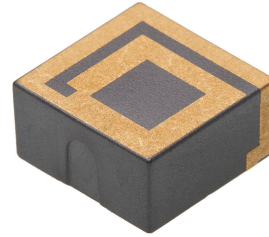
Part Number : [1462160001](#)

Product Description : RHCP LDS SMT GPS Antenna

Series Number : 146216

Status : New Business Not Supported

Product Category : Antennas



Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	New Business Not Supported
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Category	Antennas
Series	146216
Description	RHCP LDS SMT GPS Antenna
Component Type	Surface Mount Device Antenna
Function	Signal
Product Family	GNSS/GPS Antennas
Product Name	RHCP LDS GPS Antenna
Protocol	GPS
Type	GPS Antenna, Internal
UPC	889056690140

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

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

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