



Part Number : [1461680001](#)
Product Description : RHCP Ceramic GPS Antenna
Series Number : 146168
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

[1461680001_sd.pdf](#)

[1461680001-PK.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[1461680001-AS.pdf](#)

[1461680001-PS.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC

- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Antennas
Series	146168
Description	RHCP Ceramic GPS Antenna
Component Type	Surface Mount Device Antenna
Function	Signal
Product Name	RHCP Ceramic GPS Antenna
Protocol	GPS
Type	GPS Antenna, Internal
UPC	191128000215

Electrical

Band#1 F_End (MHz)	1578
Band#1 F_Start (MHz)	1572
Electrical Connectivity	SMD
Peak Gain (dBi)	5.5 @ 1575 MHz
Return Loss - S11 (dB)	< -15
Total Efficiency	>75% @ 1575 MHz

Physical

Cable Length	N/A
Length	25.00mm

Mounting Style	Surface Mount
Net Weight	9.319/g
Packaging Type	Tray
Polarization	Right Handed Circular
Radiation Pattern	Omnidirectional
Thickness	4.00mm
Width	25.00mm

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