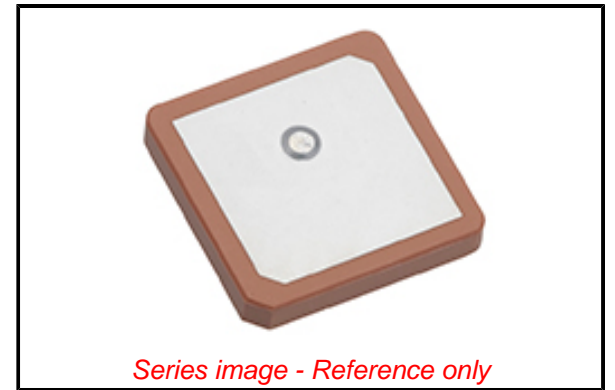


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1461680001](#)  
**Status:** **Active**  
**Overview:** GNSS/GPS Antennas  
**Description:** RHCP Ceramic GPS Antenna

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 1461680001-AS (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 1461680001-PK (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 1461680001-PS (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">146168</a>
Component Type	Surface Mount Device Antenna
Function	Signal
Overview	<a href="#">GNSS/GPS Antennas</a>
Product Name	RHCP Ceramic GPS Antenna
Protocol	GPS
Type	GPS Antenna
UPC	191128000215

**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

**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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	1461680001-AS
Packaging Specification	1461680001-PK
Product Specification	1461680001-PS
Sales Drawing	1461680001-SD

**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**

[146168 Series](#)