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

Documents:

3D Model	Application Specification 1461680001-AS (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 1461680001-PS (PDF)	Product Literature (PDF)

General

Product Family	Antennas
Series	146168
Component Type	Surface Mount Device Antenna
Overview	Antennas
Product Literature Order No	987651-5071
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

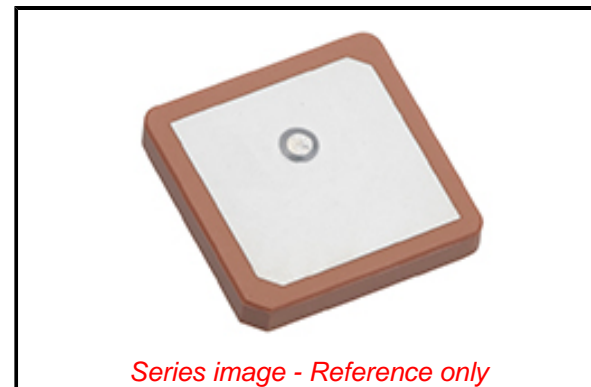
Electrical

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

Material Info

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[146168](#) Series