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Part Number: [2122030001](#)
Status: **Active**
Overview: [GNSS/GPS Antennas](#)
Description: GPS L1/L5 25.00mm Stacked Patch Antenna

Documents:
[3D Model](#) [Application Specification 2122030001-000 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification 2122030001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)
[Product Specification 2122030001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Antennas
Series [212203](#)
Component Type Surface Mount Device Antenna
Function Signal
Overview [GNSS/GPS Antennas](#)
Product Name Stacked Patch GPS Antenna
Protocol GPS
Taxonomy Antennas
Type GPS Antenna
UPC 193264067008

Physical
Length 25.00mm
Mounting Style Adhesive, Surface Mount
Net Weight 17.414/g
Packaging Type Tray
Polarization Right Handed Circular
Radiation Pattern Omnidirectional
Thickness 8.00mm
Width 25.00mm

Electrical
Band#1 F_End (MHz) 1181
Band#1 F_Start (MHz) 1171
Band#2 F_End (MHz) 1580
Band#2 F_Start (MHz) 1570
Electrical Connectivity SMD
Peak Gain (dBi) 3.1 @ 1176 MHz, 4.9 @ 1575 MHz
Return Loss - S11 (dB) < -15, < -20
Total Efficiency >65% @ 1176 MHz, >75% @ 1575 MHz

Material Info

Reference - Drawing Numbers
Application Specification 2122030001-000
Packaging Specification 2122030001-001
Product Specification 2122030001-001
Sales Drawing 2122030001-000



Series image - Reference only

EU ELV
Not Relevant

EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[212203 Series](#)