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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
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

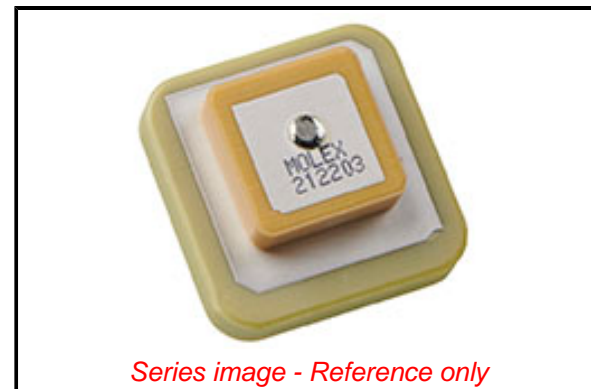
Electrical

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

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

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[212203 Series](#)

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