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Part Number: [2116240001](#)
Status: **Active**
Description: GPS L1/L5 & Glonass 36.00mm Stacked Patch Single Feed Antenna

Documents:

[Drawing \(PDF\)](#) [Packaging Specification 2116240001-001 \(PDF\)](#)
[Product Specification 2116240001-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification 2116240001-001 \(PDF\)](#)

General

Product Family	Antennas
Series	211624
Component Type	Surface Mount Device Antenna
Function	Signal
Product Name	Stacked Patch GNSS Antenna
Protocol	GLONASS, GPS
Type	GNSS Antenna
UPC	191130537976

Physical

Cable Length	N/A
Length	36.00mm
Mounting Style	Adhesive, Surface Mount
Net Weight	23.490/g
Packaging Type	Tray
Polarization	Right Handed Circular
Radiation Pattern	Omnidirectional
Thickness	7.00mm
Width	36.00mm

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
Band#3 F_End (MHz)	1607
Band#3 F_Start (MHz)	1597
Electrical Connectivity	SMD
Peak Gain (dBi)	2.1 @ 1176 MHz, 4.2 @ 1602 MHz, 4.5 @ 1575 MHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>60% @ 1176 MHz, >70% @ 1602 MHz, >75% @ 1575 MHz

Material Info

Reference - Drawing Numbers

Application Specification	2116240001-001
Packaging Specification	2116240001-001
Product Specification	2116240001-000
Sales Drawing	2116240001-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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

[211624 Series](#)