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

Documents:

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

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[211624 Series](#)