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

Documents:
[3D Model](#) [Application Specification 2116240001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification 2116240001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)
[Product Specification 2116240001-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Antennas
Series [211624](#)
Component Type Surface Mount Device Antenna
Function Signal
Overview [GNSS/GPS Antennas](#)
Product Name Stacked Patch GNSS Antenna
Protocol GLONASS, GPS
Type GNSS Antenna
UPC 191130537976

Physical
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



EU ELV
Not Relevant

EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)9139-DC (19 Jan 2021)	
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
[211624 Series](#)