Part Number: 2116240001
Status: Active
Overview: GNSS/GPS Antennas
Description: GPS L1/L5 and Glonass 36.00mm Stacked Patch Single Feed Antenna

Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification 2116240001-000 (PDF)
- Application Specification 2116240001-001 (PDF)
- Packaging Specification 2116240001-001 (PDF)
- Datasheet (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
Compliant

China RoHS

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