



Part Number : [2116240001](#)
Product Description : GPS L1/L5 and Glonass
36.00mm Stacked Patch Single Feed Antenna
Series Number : 211624
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

[2116240001_sd.pdf](#)
[2116240001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[2116240001-001.pdf](#)
[2116240001-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC

- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Antennas
Series	211624
Description	GPS L1/L5 and Glonass 36.00mm Stacked Patch Single Feed Antenna
Component Type	Surface Mount Device Antenna
Function	Signal
Product Name	Stacked Patch GNSS Antenna
Protocol	GLONASS, GPS
Type	GNSS Antenna, Internal
UPC	191130537976

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

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