

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

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

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2116240001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2116240001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2116240001-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Antennas
Series	<a href="#">211624</a>
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**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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](#)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[211624-0001](#)