



Part Number : 2136020001

Series Number : 213602

Product Category : Antennas

Product Description : GPS L1/L2 and Glonass
36.00mm Stacked Patch Single Feed Antenna

Status : Active

Documents & Resources

Drawings

Drawing 2136020001_sd.pdf

Packaging Design Drawing 2136020001-001.pdf

3D Models and Design Files

3D Model 2136020001_stp.zip


Specifications

Application Specification 2136020001-000.pdf

Product Specification 2136020001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2020)4578-DC (25 June 2020)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

Part Details

General

Status	Active
Category	Antennas
Series	213602
Description	GPS L1/L2 and Glonass 36.00mm Stacked Patch Single Feed Antenna
Component Type	Surface Mount Device Antenna
Function	Signal
Product Family	GNSS/GPS Antennas
Product Name	Stacked Patch GNSS Antenna
Protocol	GLONASS, GPS
Type	GNSS Antenna, Internal
UPC	193264258406

Electrical

Band#1 F_End (MHz)	1228.62
Band#1 F_Start (MHz)	1226.57
Band#2 F_End (MHz)	1576.44
Band#2 F_Start (MHz)	1574.39
Electrical Connectivity	SMD
Peak Gain (dBi)	2.1 @ 1227 MHz, 5.3 @ 1575 MHz
Return Loss - S11 (dB)	< -15
Total Efficiency	>50% @ 1227 MHz, >80% @ 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