



Part Number : 2065600100

Series Number : 206560
Product Category : Antennas

Product Description : 1558MHz-1610MHz
GNSS Flex Antenna, 100.00mm Cable Length,
Compatible with U.FL / I-PEX MHF Connectors
Status : Active

Documents & Resources


Drawings
Drawing 2065600100_sd.pdf
Packaging Design Drawing 2065600050-001.pdf

3D Models and Design Files
3D Model 2065600100_stp.zip

Specifications
Application Specification 2065600050-AS.pdf
Product Specification 2065600050-PS.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(2024)4144-DC (27 June 2024)
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
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Antennas
Series	206560
Description	1558MHz-1610MHz GNSS Flex Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Family	GNSS/GPS Antennas
Product Name	1558MHz-1610MHz GNSS Flexible
Protocol	BeiDou, GLONASS, GPS
Type	GNSS Antenna, Internal
UPC	191128769112

Electrical

Band#1 F_End (MHz)	1564
Band#1 F_Start (MHz)	1558
Band#2 F_End (MHz)	1578
Band#2 F_Start (MHz)	1572
Band#3 F_End (MHz)	1605
Band#3 F_Start (MHz)	1599
Electrical Connectivity	Cable
Peak Gain (dBi)	0.9 @ 1561 MHz, 1.0 @ 1575 MHz, 1.37 @ 1602 MHz
Return Loss - S11 (dB)	< -8
Total Efficiency	>72% @ 1575 MHz, >72% @ 1561 MHz, >73% @ 1602 MHz

Physical

Cable Length	100.00mm
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Length	40.40mm
Mounting Style	Adhesive
Net Weight	0.593/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	15.40mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
50 Ohms, MCRF, PCB Vertical Jack Receptacle, SMT, 1.25mm Mounted Height	<u>734120110</u>