Part Number : 2133530200
Product Description : LTE/GPS Combo Flexible Antenna, 200.00mm Cable Length, Compatible with U.FL/I-PEX MHF Connectors
Series Number : 213353
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

2133530200_sd.pdf

2133530100-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2133530100-001.pdf

2133530100-000.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 Reviewed per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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	213353
Description	LTE/GPS Combo Flexible Antenna, 200.00mm Cable Length, Compatible with U.FL/I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	LTE/GPS Combo Flexible Antenna
Protocol	BeiDou, Cellular, GLONASS, GPS, UWB
Type	Combo GPS/Cellular
UPC	193264457526

Electrical

Band_#10 F_End (MHz)	1606
Band_#10 F_Start (MHz)	1598
Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Band#2 F_End (MHz)	1500
Band#2 F_Start (MHz)	1400
Band#3 F_End (MHz)	1700
Band#3 F_Start (MHz)	1500
Band#4 F_End (MHz)	2700

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Band#4 F_Start (MHz)	1700
Band#5 F_End (MHz)	4200
Band#5 F_Start (MHz)	3300
Band#6 F_End (MHz)	5000
Band#6 F_Start (MHz)	4400
Band#7 F_End (MHz)	8500
Band#7 F_Start (MHz)	5900
Band#8 F_End (MHz)	1563
Band#8 F_Start (MHz)	1558
Band#9 F_End (MHz)	1576
Band#9 F_Start (MHz)	1573
Electrical Connectivity	Cable
Peak Gain (dBi)	2.3 @ 1400 MHz, 2.3 @ 1500 MHz, 2.5 @ 698 MHz, 4.5 @ 4400 MHz, 5.4 @ 1700 MHz, 5.4 @ 3300 MHz, 7.0 @ 5900 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>45% @ 1558 MHz, >50% @ 1573 MHz, >50% @ 1598 MHz, >60% @ 1400 MHz, >60% @ 1500 MHz, >60% @ 1700 MHz, >60% @ 3300 MHz, >60% @ 4400 MHz

Physical

Cable Length	200.00mm
Length	119.40mm
Mounting Style	Adhesive
Net Weight	2.150/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	19.40mm

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