

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

2133530100

Status:

Active

Overview:

Combo Antennas

Description:

LTE/GPS Combo Flexible Antenna, 100.00mm Cable Length, Compatible with U.FL/I-PEX MHF Connectors



Documents:	
3D Model	Application Specification 2133530100-001 (PDF)
3D Model (PDF)	Packaging Specification 2133530100-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2133530100-000 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Antennas
Series	213353
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Combo Antennas
Product Name	LTE/GPS Combo Flexible Antenna
Protocol	BeiDou, Cellular, GLONASS, GPS, UWB
Taxonomy	Antennas
Type	Combo GPS/Cellular
UPC	193264456505
Physical	
Cable Length	100.00mm
Length	119.40mm
Mounting Style	Adhesive
Net Weight	1.530/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	19.40mm
Electrical	
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
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
Band_#10 F_End (MHz)	1606
Band_#10 F_Start (MHz)	1598
Electrical Connectivity	Cable

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Contained Per - D(2022)4187-DC (10 June 2022)	
2-Methyl-1-(4-methylthiophenyl)-2-morpholinoprop	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

213353 Series

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
Material Info	
Reference - Drawing Numbers	
Application Specification	2133530100-001
Packaging Specification	2133530100-001
Product Specification	2133530100-000
Sales Drawing	2133530100-000

This document was generated on 08/25/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION