



Part Number : 2135000500

Series Number : 213500

Product Category : Antennas

Product Description : 2-in-1 LTE/GPS External Antenna, 75.00mm Diameter, 500.00mm Cables with SMA Male Connectors

Status : Active

Documents & Resources

Drawings

Drawing 2135000500_sd.pdf

Packaging Design Drawing 2135000500-PK.pdf

3D Models and Design Files

3D Model 2135000500_stp.zip


Specifications

Application Specification 2135000500-AS.pdf

Product Specification 2135000500-PS.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Diboron-trioxide; Lead per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant with Exemption 6(c) 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	213500
Description	2-in-1 LTE/GPS External Antenna, 75.00mm Diameter, 500.00mm Cables with SMA Male Connectors
Component Type	External Antenna
Function	Signal
Product Family	Combo Antennas
Product Name	2-in-1 External Antenna
Protocol	Cellular, GPS
Type	External
UPC	193264436064

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	824
Band#2 F_End (MHz)	1576.44
Band#2 F_Start (MHz)	1574.39
Band#3 F_End (MHz)	2690
Band#3 F_Start (MHz)	1710
Electrical Connectivity	Cable
Peak Gain (dBi)	0.77 @ 1575 MHz, 0.77 @ 824 MHz, 3.73 @ 1710 MHz
Return Loss - S11 (dB)	< -5, < 1.5
Total Efficiency	>40% @ 1575 MHz, >55% @ 824 MHz, >60% @ 1710 MHz

Physical

Cable Length	500.00mm
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Mounting Style	Adhesive and Screw Nut
Net Weight	62.580/g
Outer Diameter	75.00mm
Packaging Type	Partitioned Carton
Polarization	Linear, RHCP
Radiation Pattern	Directional (GPS), Omnidirectional (4G)
Thickness	14.90mm