



Part Number : 2144290001
Product Description : 5GHz Compatible
Hinged External Antenna, with SMA Male
Connector, Black
Series Number : 214429
Status : New Business Not Supported
Product Category : Antennas



Documents & Resources

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	Contains Lead; Octamethylcyclotetrasiloxane per D(2023)3788-DC (14 Jun 2023)
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	New Business Not Supported
Category	Antennas
Series	214429
Description	5GHz Compatible Hinged External Antenna, with SMA Male Connector, Black
Component Type	External Antenna
Function	Signal
Product Family	LTE Cellular Antennas
Product Name	5G Cellular Antenna
Protocol	Cellular
Type	External
UPC	193264436071

Electrical

Band#1 F_End (MHz)	960
Band#1 F_Start (MHz)	698
Band#2 F_End (MHz)	2690
Band#2 F_Start (MHz)	1710
Band#3 F_End (MHz)	4200
Band#3 F_Start (MHz)	3300
Band#4 F_End (MHz)	5000
Band#4 F_Start (MHz)	4400
Electrical Connectivity	Cable
Peak Gain (dBi)	1.6 @ 698 MHz, 3.5 @ 4400 MHz, 3.6 @ 3300 MHz, 5.5 @ 1710 MHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>55% @ 4400 MHz, >55% @ 698 MHz, >60% @ 3300 MHz, >70% @ 1710 MHz

Physical

Length	171.50mm
Mounting Style	N/A
Net Weight	14.143/g
Packaging Type	PET Bag
Polarization	Linear

Radiation Pattern	Omnidirectional
Width	19.40mm

This document was generated on Sep 11, 2023