



Part Number : 2203550001

Series Number : 220355
Product Category : Antennas

Product Description : 5G and LTE Antenna
Lite, Hinged with SMA Plug Male Connector,
Black
Status : Active

Documents & Resources


Drawings
Drawing 2203550001_sd.pdf
Packaging Design Drawing 2203550001-001.pdf

3D Models and Design Files
3D Model 2203550001_stp.zip

Specifications
Application Specification 2203550001-000.pdf
Product Specification 2203550001-001.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	Contains Lead; Melamine; 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one 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	220355
Description	5G and LTE Antenna Lite, Hinged with SMA Plug Male Connector, Black
Component Type	External Antenna
Function	Signal
Product Family	External Antennas
Product Name	5G and LTE Antenna Lite
Protocol	Cellular
Type	External
UPC	195842888883

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)	4200
Electrical Connectivity	SMA Plug Male Connector
Peak Gain (dBi)	1.0 @ 698 MHz, 3.5 @ 4200 MHz, 3.6 @ 3300 MHz, 4.5 @ 1710 MHz
Return Loss - S11 (dB)	< -10, < -5

Total Efficiency	>55% @ 698 MHz, >60% @ 3300 MHz, >65% @ 4200 MHz, >70% @ 1710 MHz
------------------	---

Physical

Length	129.70mm
Mounting Style	N/A
Net Weight	12.920/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	18.50mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	SMA Jack Female Receptacle