



Part Number : [2203550001](#)
Product Description : 5G and LTE Antenna Lite,
Hinged with SMA Plug Male Connector, Black
Series Number : 220355
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

[2203550001_sd.pdf](#)
[2203550001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[2203550001-000.pdf](#)
[2203550001-001.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	Contains Lead; Melamine; 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- 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	220355
Description	5G and LTE Antenna Lite, Hinged with SMA Plug Male Connector, Black
Component Type	External Antenna
Function	Signal
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

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