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molex



Part Number : 2144291001
Product Description : 5GHz Compatible Hinged External Antenna, with SMA Male Connector, White
Series Number : 214429
Status : Obsolete
Product Category : Antennas

Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Product not active
China RoHS	Product not active
EU ELV	Product not active
Low-Halogen Status	Product not active
REACH SVHC	Product not active
EU RoHS	Product not active

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

Obsolete

General

Status	Obsolete
Category	Antennas
Series	214429
Description	5GHz Compatible Hinged External Antenna, with SMA Male Connector, White
Component Type	External Antenna
Function	Signal
Product Name	5G Cellular Antenna
Protocol	Cellular
Type	External
UPC	193264436095

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

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Polarization	Linear
Radiation Pattern	Omnidirectional
Width	19.40mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	SMA Female Receptacle

Obsolete