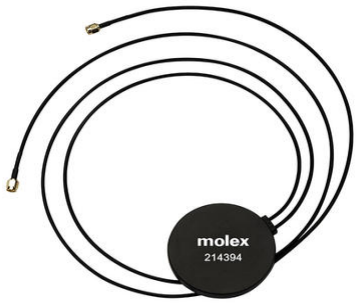
Part Number : 2143941000
Product Description : 2.4GHz/ 5GHz Dual Band Wi-Fi MIMO External Antenna, 77.00mm Diameter, 1.0m Cables with SMA Connectors
Series Number : 214394
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

2143941000_sd.pdf

2143941000-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2143941000-000.pdf

2143941000-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)4165-DC (25 June 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	214394
Description	2.4GHz/ 5GHz Dual Band Wi-Fi MIMO External Antenna, 77.00mm Diameter, 1.0m Cables with SMA Connectors
Component Type	External Antenna
Function	Signal
Product Name	Dual Band Wi-Fi MIMO Antenna
Protocol	Wi-Fi
Type	External
UPC	193264463039

Electrical

Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	6000
Band#2 F_Start (MHz)	5000
Electrical Connectivity	Cable

Peak Gain (dBi)	2.5 @ 2.4G, 2.6 @ 5G (Port 1), 3.1 @ 2.4G, 3.4 @ 5G (Port 2)
Return Loss - S11 (dB)	< -10
Total Efficiency	>60%@2.4G, >45%@5G (Port 1), >70%@2.4G, >50%@5G (Port 2)

Physical

Cable Length	1000.00mm
Length	N/A
Mounting Style	Adhesive
Net Weight	97.000/g
Outer Diameter	77.00mm
Packaging Type	Partitioned Carton
Radiation Pattern	Omnidirectional
Temperature Range - Operating	-40° to +85°C
Thickness	15.00mm
Width	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	SMA Female Receptacle