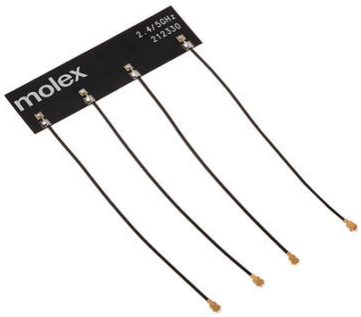
Part Number : 2123309100
Product Description : Wi-Fi 6E Flex Cabled 4x4 MIMO Automotive Antenna, 100.00mm Cable Length, Compatible with MHF-1 Plug
Series Number : 212330
Status : Active
Product Category : Antennas



Documents & Resources

Drawings

2123309100_sd.pdf

2123309100-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2123309100-000.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	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant 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	212330
Description	Wi-Fi 6E Flex Cabled 4x4 MIMO Automotive Antenna, 100.00mm Cable Length, Compatible with MHF-1 Plug
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	2.4/5GHz Flexible Antenna
Protocol	Wi-Fi
Type	Internal, Wi-Fi Antenna
UPC	195842855625

Electrical

Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Band#3 F_End (MHz)	7125
Band#3 F_Start (MHz)	5925
Electrical Connectivity	Cable
Peak Gain (dBi)	See Product Specification

Return Loss - S11 (dB)	(Port 1) < -10, (Port 2) < -10 < -9 < -5, (Port 3) < -10, (Port 4) < -10 < -5
Total Efficiency	See Product Specification

Physical

Cable Length	100.00mm
Length	70.00mm
Mounting Style	Adhesive
Net Weight	1.930/g
Packaging Type	PET Film
Radiation Pattern	Omnidirectional
Width	20.00mm