



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

[Drawing 2123309100_sd.pdf](#)

[Packaging Design Drawing 2123309100-001.pdf](#)

3D Models and Design Files


[3D Model 2123309100_stp.zip](#)

Specifications

[Product Specification 2123309100-000.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	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant 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

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 Family	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
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

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