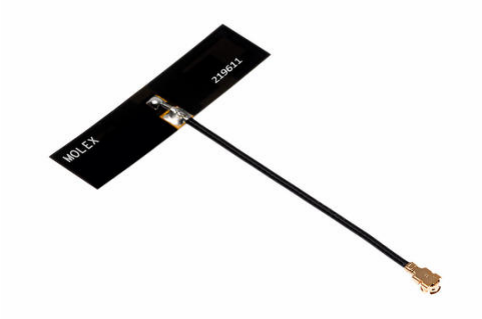
Part Number : 2196110050
Product Description : Wi-Fi 6E Low Gain Flex Antenna, 15.40mm Width, 50.00mm Cable Length, Compatible with U.FL/ MHF Connectors
Series Number : 219611
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

2196110050_sd.pdf

2196110100-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2196110100-000.pdf

2196110100-001.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	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- 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	219611
Description	Wi-Fi 6E Low Gain Flex Antenna, 15.40mm Width, 50.00mm Cable Length, Compatible with U.FL/ MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	Wi-Fi 6E Low Gain Flex Antenna
Protocol	BLE, BT, Wi-Fi, Wireless Hart, Zigbee
Type	Internal, Wi-Fi Antenna
UPC	195842855137

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

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Electrical Connectivity	Cable
Peak Gain (dBi)	2.6 @ 2.4 GHz, 3.6 @ 5 GHz, 4.1 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>78% @2.4 GHz, >79% @ 5 GHz, >80% @ 5.9 GHz

Physical

Cable Length	50.00mm
Length	35.40mm
Mounting Style	Adhesive
Net Weight	0.430/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	15.40mm

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