



Part Number : 2196110100

Product Description : Wi-Fi 6E Low Gain Flex Antenna, 15.40mm Width, 100.00mm Cable Length, Compatible with U.FL/ MHF Connectors

Series Number : 219611

Status : Active

Product Category : Antennas

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## Documents & Resources

### Drawings

Drawing 2196110100\_sd.pdf

Packaging Design Drawing 2196110100-001.pdf

### Specifications


Application Specification 2196110100-000.pdf

Product Specification 2196110100-001.pdf

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## 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
- chemSHERPA (xml)

## Part Details

### General

Status	Active
Category	Antennas
Series	219611
Description	Wi-Fi 6E Low Gain Flex Antenna, 15.40mm Width, 100.00mm Cable Length, Compatible with U.FL/ MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Family	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	Wi-Fi 6E Low Gain Flex Antenna
Protocol	BLE, BT, Wi-Fi, Wireless Hart, Zigbee
Type	Internal, Wi-Fi Antenna
UPC	195842772618

### 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)	2.5 @ 2.4 GHz, 3.4 @ 5 GHz, 3.8 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>75% @ 2.4 GHz, >75% @ 5.9 GHz, >75% @ 5 GHz

### Physical

Cable Length	100.00mm
Length	35.40mm

Mounting Style	Adhesive
Net Weight	0.600/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	15.40mm

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