



Part Number : 2196110250

Series Number : 219611
Product Category : Antennas

Product Description : Wi-Fi 6E Low Gain Flex Antenna, 15.40mm Width, 250.00mm Cable Length, Compatible with U.FL/ MHF Connectors
Status : Active

Documents & Resources

Drawings
Drawing 2196110250_sd.pdf
Packaging Design Drawing 2196110100-001.pdf

Specifications
Application Specification 2196110100-000.pdf
Product Specification 2196110100-001.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
- chemSHERPA (xml)

Part Details

General

Status	Active
Category	Antennas
Series	219611
Description	Wi-Fi 6E Low Gain Flex Antenna, 15.40mm Width, 250.00mm 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	195842855182

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)	1.9 @ 2.4 GHz, 2.5 @ 5 GHz, 2.8 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>59% @ 5.9 GHz, >63% @ 5 GHz, >66% @ 2.4 GHz

Physical

Cable Length	250.00mm
Length	35.40mm

Mounting Style	Adhesive
Net Weight	1.104/g
Packaging Type	PET Bag
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	15.40mm