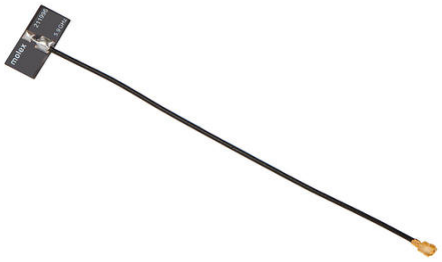
Part Number : 2119960100
Product Description : 5.8-8.5 GHz Ultra Wideband (UWB) Flexible Antenna, 7.60mm Width, 16.40mm Length, 100.00mm Cable Length, Compatible with U.FL/I-PEX MHF Connectors
Series Number : 211996
Status : Active
Product Category : Antennas



Documents and Resources

Drawings

2119960100_sd.pdf

2119960100-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2119960100-001.pdf

2119960100-000.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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

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- 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	211996
Description	5.8-8.5 GHz Ultra Wideband (UWB) Flexible Antenna, 7.60mm Width, 16.40mm Length, 100.00mm Cable Length, Compatible with U.FL/I-PEX MHF Connectors
Component Type	Flexible Antenna with Cable
Function	Signal
Product Name	5.8-8.5GHz UWB Flexible
Protocol	UWB
Type	Internal, UWB Antenna
UPC	193264067824

Electrical

Band#1 F_End (MHz)	6000
Band#1 F_Start (MHz)	5800
Band#2 F_End (MHz)	8500
Band#2 F_Start (MHz)	6000
Electrical Connectivity	Cable

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Peak Gain (dBi)	5.5 @ 5.8-6 GHz, 6.4 @ 6-8.5 GHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>70% @ 6-8.5 GHz, >75% @ 5.8-6 GHz

Physical

Cable Length	100.00mm
Length	16.40mm
Mounting Style	Adhesive
Net Weight	0.555/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.16mm
Width	7.60mm

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