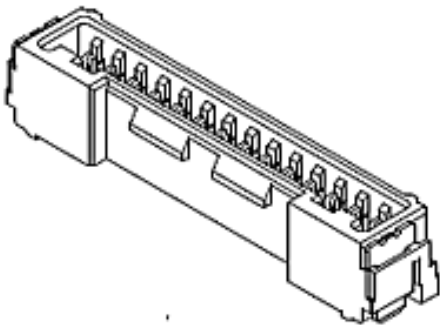




Part Number : 5041941270
Product Description : 5.8-8.5 GHz Ultra Wideband (UWB) Flexible Antenna, 7.60mm Width, 16.40mm Length, 200.00mm Cable Length, Compatible with U.FL/I-PEX MHF Connectors
Series Number : 211996
Status : Obsolete
Product Category : Antennas



Documents & Resources

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(2024)6225-DC (07 Nov 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)

EU RoHS Certificate of Compliance

Part Details

General

Status	Obsolete
Category	Antennas
Series	211996
Description	5.8-8.5 GHz Ultra Wideband (UWB) Flexible Antenna, 7.60mm Width, 16.40mm Length, 200.00mm 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	193264074006

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
Peak Gain (dBi)	5.0 @ 5.8-6 GHz, 5.7 @ 6-8.5 GHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	60% @ 6-8.5 GHz, >67% @ 5.8-6 GHz

Physical

Cable Length	200.00mm
Length	16.40mm
Mounting Style	Adhesive
Net Weight	0.854/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.16mm
Width	7.60mm

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