



Part Number : 1461840200
Product Description : Ultra Wideband (UWB)
PCB Antenna with Balanced Transmission,
17.60mm Width, 200.00mm Cable Length,
Compatible with U.FL / I-PEX MHF Connectors
Series Number : 146184
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	Contains 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one 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	146184
Description	Ultra Wideband (UWB) PCB Antenna with Balanced Transmission, 17.60mm Width, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Component Type	PCB Antenna with Cable
Function	Signal
Product Name	Ultra Wideband PCB Antenna
Protocol	UWB
Type	UWB Antenna
UPC	889056591195

Electrical

Band#1 F_End (MHz)	6000
Band#1 F_Start (MHz)	3000
Electrical Connectivity	Cable
Peak Gain (dBi)	4.0 @ 3 GHz
Return Loss - S11 (dB)	< -6
Total Efficiency	>62% @ 3 GHz

Physical

Cable Length	200.00mm
Length	47.00mm
Mounting Style	Adhesive
Net Weight	1.500/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.31mm
Width	17.60mm

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