



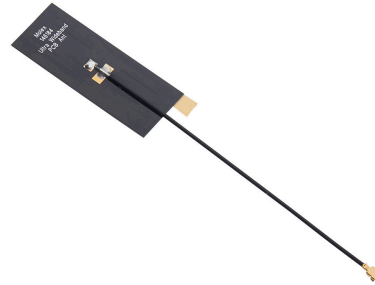
**Part Number :** [1461840200](#)

**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




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## Documents & Resources

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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	Contains 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one per D(2023)3788-DC (14 Jun 2023)
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

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## 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 Family	Ultra-Wideband (UWB) PCB Antenna with Balanced Transmission
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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