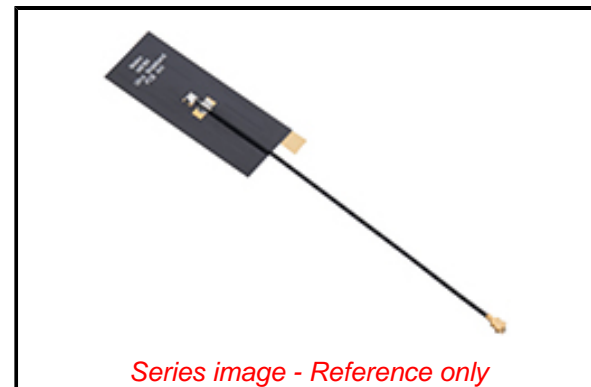


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Part Number: [1461840100](#)
Status: **Active**
Overview: [Ultra-Wideband \(UWB\) PCB Antenna with Balanced Transmission](#)
Description: Ultra Wideband (UWB) PCB Antenna with Balanced Transmission, 17.60mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

3D Model	Packaging Specification PK-146184-100-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-146184-100-001 (PDF)	Product Literature (PDF)
Application Specification AS-146184-100-001 (PDF)	



General

Product Family	Antennas
Series	146184
Component Type	PCB Antenna with Cable
Function	Signal
Mates With	Surface Mount Microcoaxial Jack 734120110
Overview	Ultra-Wideband (UWB) PCB Antenna with Balanced Transmission
Product Literature Order No	987651-4591
Product Name	Ultra Wideband PCB Antenna
Protocol	UWB
Type	UWB Antenna
UPC	889056591171

Physical

Cable Length	100.00mm
Length	47.00mm
Mounting Style	Adhesive
Net Weight	0.980/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.31mm
Width	17.60mm

Electrical

Band#1 F_End (MHz)	6000
Band#1 F_Start (MHz)	3000
Electrical Connectivity	Cable
Peak Gain (dBi)	4.5 @ 3 GHz
Return Loss - S11 (dB)	< -6
Total Efficiency	>70% @ 3 GHz

Material Info

Reference - Drawing Numbers

Application Specification	AS-146184-100-001
Packaging Specification	PK-146184-100-001
Product Specification	PS-146184-100-001
Sales Drawing	SD-146184-050-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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