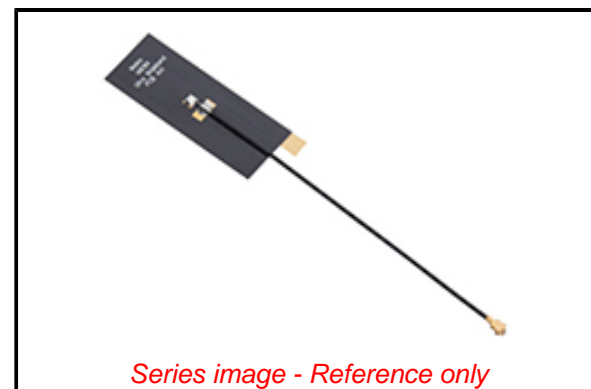


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Part Number: [1461840300](#)
Status: **Active**
Overview: Ultra-Wideband (UWB) PCB Antenna with Balanced Transmission
Description: Ultra Wideband (UWB) PCB Antenna with Balanced Transmission, 17.60mm Width, 300.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

3D Model	Application Specification AS-146184-100-001 (PDF)
3D Model (PDF)	Packaging Specification PK-146184-100-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-146184-100-001 (PDF)	RoHS Certificate of Compliance (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 Name	Ultra Wideband PCB Antenna
Protocol	UWB
Type	UWB Antenna
UPC	889056591218

Physical

Cable Length	300.00mm
Length	47.00mm
Mounting Style	Adhesive
Net Weight	1.800/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)	3.5 @ 3 GHz
Return Loss - S11 (dB)	< -6
Total Efficiency	>55% @ 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 -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

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China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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[146184 Series](#)