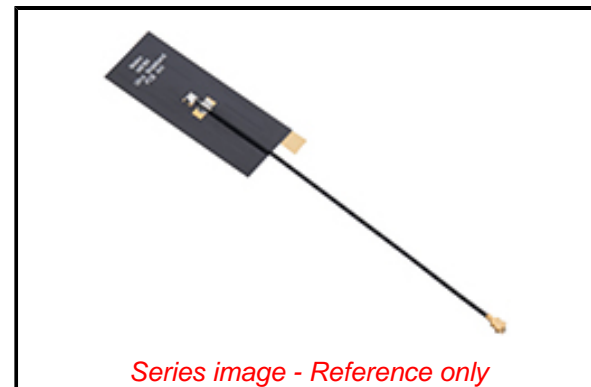


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Part Number: [1461840200](#)
Status: **Active**
Overview: Ultra-Wideband (UWB) PCB Antenna with Balanced Transmission
Description: Ultra Wideband (UWB) PCB Antenna with Balanced Transmission, 17.60mm Width, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-146184-100-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-146184-100-001 (PDF) |
| 3D Model (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 | 889056591195 |

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 |

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 |

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)4578-DC (25
June 2020)

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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[146184 Series](#)