

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2119960100](#)  
**Status:** **Active**  
**Overview:** [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)  
**Description:** 5.9GHz Flexible Antenna, 7.60mm Width, 16.40mm Length, 100.00mm Cable Length, Compatible with U.FL/I-PEX MHF Connectors

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2119960100-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2119960100-001 (PDF)</a>
<a href="#">Product Specification 2119960100-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Antennas
Series	<a href="#">211996</a>
Component Type	Flexible Antenna with Cable
Datasheet Order No	987651-6901
Function	Signal
Overview	<a href="#">Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</a>
Product Name	5.9GHz Flexible Antenna
Protocol	DSRC
Type	DSRC Antenna
UPC	193264067824

**Physical**

Cable Length	100.00mm
Length	16.40mm
Mounting Style	Adhesive
Net Weight	0.555/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.16mm
Width	7.60mm

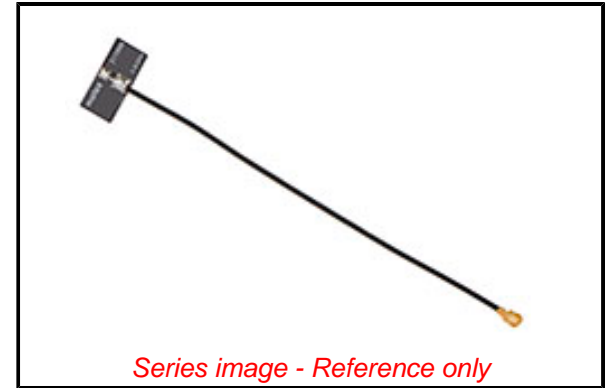
**Electrical**

Band#1 F_End (MHz)	5925
Band#1 F_Start (MHz)	5850
Electrical Connectivity	Cable
Peak Gain (dBi)	5.5 @ 5.9 GHz
Return Loss - S11 (dB)	< -10

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2119960100-001
Packaging Specification	2119960100-001
Product Specification	2119960100-000
Sales Drawing	2119960100-000



**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

**Search Parts in this Series**

[211996 Series](#)