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Part Number:

2119969100

Status:

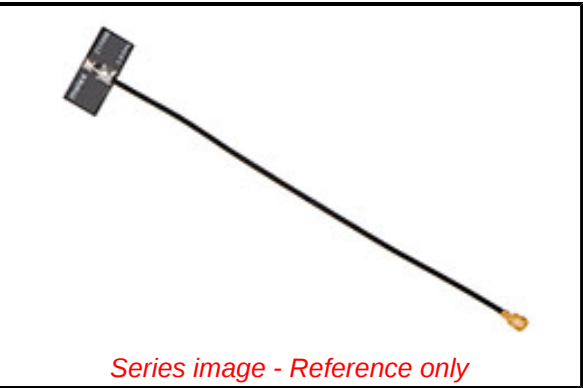
Active

Overview:

Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee

Description:

5.8-8.5 GHz Flexible Automotive Antenna, 7.60mm Width, 100.00mm Cable Length, Compatible with MHF-1 Plug



Series image - Reference only

- Documents:
- 3D Model

Packaging Specification 2119969100-001 (PDF)
- Drawing (PDF)

Datasheet (PDF)
- 3D Model (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification 2119969100-000 (PDF)

|                |                                                             |
|----------------|-------------------------------------------------------------|
| General        |                                                             |
| Product Family | Antennas                                                    |
| Series         | 211996                                                      |
| Component Type | Flexible Antenna with Cable                                 |
| Function       | Signal                                                      |
| Overview       | Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee |
| Product Name   | 5.8-8.5GHz UWB Flexible                                     |
| Protocol       | UWB                                                         |
| Taxonomy       | Antennas                                                    |
| Type           | UWB Antenna                                                 |
| UPC            | 195842855731                                                |

|                   |                 |
|-------------------|-----------------|
| Physical          |                 |
| Cable Length      | 100.00mm        |
| Length            | 16.40mm         |
| Mounting Style    | Adhesive        |
| Net Weight        | 0.440/g         |
| Packaging Type    | PET Film        |
| Radiation Pattern | Omnidirectional |
| Width             | 7.60mm          |

|                         |                                  |
|-------------------------|----------------------------------|
| Electrical              |                                  |
| Band#1 F_End (MHz)      | 6000                             |
| Band#1 F_Start (MHz)    | 5800                             |
| Band#2 F_End (MHz)      | 8000                             |
| Band#2 F_Start (MHz)    | 6000                             |
| Electrical Connectivity | Cable                            |
| Peak Gain (dBi)         | 5.5 @ 5800 MHz, 6.4 @ 6000 MHz   |
| Return Loss - S11 (dB)  | < -10, < -5                      |
| Total Efficiency        | >70% @ 6000 MHz, >75% @ 5800 MHz |

Material Info

|                             |                |
|-----------------------------|----------------|
| Reference - Drawing Numbers |                |
| Packaging Specification     | 2119969100-001 |
| Product Specification       | 2119969100-000 |
| Sales Drawing               | 2119969100-000 |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Low-Halogen

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series  
211996 Series

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