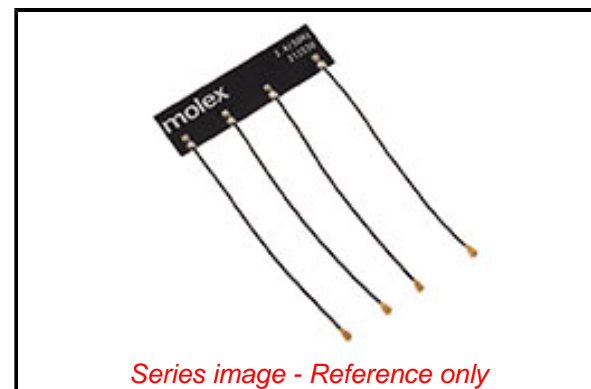


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Part Number: **2123300100**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: Wi-Fi 6E Flex Cabled 4x4 MIMO Antenna, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

| | |
|--|--|
| 3D Model | Application Specification 2123300100-000 (PDF) |
| 3D Model (PDF) | Packaging Specification 2123300100-001 (PDF) |
| Drawing (PDF) | Datasheet (PDF) |
| Product Specification 2123300100-001 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|----------------|---|
| Product Family | Antennas |
| Series | 212330 |
| Component Type | Flexible Antenna with Cable |
| Function | Signal |
| Mates With | 734120110 Microcoaxial RF, 50 Ohm |
| Overview | Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee |
| Product Name | 2.4/5GHz Flexible Antenna |
| Protocol | BLE, BT, Thread, Wi-Fi, Zigbee |
| Type | Wi-Fi Antenna |
| UPC | 193264251025 |

Physical

| | |
|-------------------|-----------------|
| Cable Length | 100.00mm |
| Length | 70.00mm |
| Mounting Style | Adhesive |
| Net Weight | 2.365/g |
| Packaging Type | PET Film |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Thickness | 0.10mm |
| Width | 20.00mm |

Electrical

| | |
|-------------------------|--|
| Band#1 F_End (MHz) | 2483.5 |
| Band#1 F_Start (MHz) | 2400 |
| Band#2 F_End (MHz) | 5850 |
| Band#2 F_Start (MHz) | 5150 |
| Electrical Connectivity | Cable |
| Peak Gain (dBi) | 2.4 @ 2.4G, 3.3 @ 5G (Port 1), 2.6 @ 2.4G, 2.3 @ 5G (Port 2), 3.0 @ 2.4G, 3.4 @ 5G (Port 3), 3.5 @ 2.4G, 3.9 @ 5G (Port 4) |
| Return Loss - S11 (dB) | < -10 (Port 1), < -10 (Port 3), < -10 (Port 4), < -10 < -9 (Port 2) |
| Total Efficiency | >50%@2.4GHz,>70%@5GHz (Port 3), >55%@2.4GHz,>65%@5GHz (Port 2), >55%@2.4GHz,>65%@5GHz (Port 4), >55%@2.4GHz,>70%@5GHz (Port 1) |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|----------------|
| Application Specification | 2123300100-000 |
| Packaging Specification | 2123300100-001 |
| Product Specification | 2123300100-001 |

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

Search Parts in this Series

[212330](#) Series

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