



Part Number : [2158720001](#)

Product Description : Mini-Link Wi-Fi Tri-Band Antenna, 35.00mm Length, with SMA Male Connector

Series Number : 215872

Status : Active

Product Category : Antennas

Engineering Number : 215872-0101



Documents & Resources

Drawings

[2158720001_sd.pdf](#)

[2158720001-001.pdf](#)


Specifications

[2158720001-001.pdf](#)

[2158720001-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | Antennas |
| Series | 215872 |
| Description | Mini-Link Wi-Fi Tri-Band Antenna, 35.00mm Length, with SMA Male Connector |
| Component Type | External Antenna |
| Function | Signal |
| Product Name | Mini-Link Antenna |
| Protocol | BT, DSRC, Wi-Fi |
| Type | External, Wi-Fi Antenna |
| UPC | 193264759514 |

Electrical

| | |
|------------------------|---|
| Band#1 F_End (MHz) | 2500 |
| Band#1 F_Start (MHz) | 2400 |
| Band#2 F_End (MHz) | 6000 |
| Band#2 F_Start (MHz) | 5000 |
| Band#3 F_End (MHz) | 7125 |
| Band#3 F_Start (MHz) | 6000 |
| Peak Gain (dBi) | 3.4 @ 2.4 GHz, 4.5 @ 6 GHz, 6.0 @ 5 GHz |
| Return Loss - S11 (dB) | < -10, < -3, < -5 |
| Total Efficiency | >45% @ 6 GHz, >60% @ 5 GHz, >60% @2.4 GHz |

Physical

| | |
|--------|---------|
| Length | 35.00mm |
|--------|---------|

| | |
|-------------------------------|-----------------|
| Mounting Style | N/A |
| Net Weight | 3.930/g |
| Packaging Type | Tray |
| Polarization | Linear |
| Radiation Pattern | Omnidirectional |
| Temperature Range - Operating | -40° to +85°C |
| Width | 8.00mm |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------|-------------|
| Mates With | SMA Socket |