



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

[Drawing 2158720001_sd.pdf](#)

[Packaging Design Drawing 2158720001-001.pdf](#)

Specifications

[Application Specification 2158720001-001.pdf](#)

[Product Specification 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)4144-DC (27 June 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 Family	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
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