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 Part Number : 215872-0101



Documents and Resources

Drawings

2158720001_sd.pdf

2158720001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

2158720001-001.pdf

2158720001-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Compliance Statements

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- EU RoHS
- REACH SVHC
- Low-Halogen

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 @

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	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

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