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Part Number: [2158720001](#)
Status: **Active**
Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Description: Mini-Link Wi-Fi Tri-Band Antenna, 35.00mm Length, with SMA Male Connector

Documents:
[Drawing \(PDF\)](#) [Packaging Specification 2158720001-001 \(PDF\)](#)
[Product Specification 2158720001-000 \(PDF\)](#) [Datasheet \(PDF\)](#)
[Application Specification 2158720001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Antennas
Series [215872](#)
Component Type External Antenna
Function Signal
Mates With SMA Socket
Overview [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Product Name Mini-Link Antenna
Protocol BT, DSRC, Wi-Fi
Type Wi-Fi Antenna
UPC 193264759514

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

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

Material Info
Engineering Number 215872-0101

Reference - Drawing Numbers
Application Specification 2158720001-001
Packaging Specification 2158720001-001
Product Specification 2158720001-000
Sales Drawing 2158720001-000



EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant with Exemption 6(c)
REACH SVHC
Contained Per - D(2020)4578-DC (25 June 2020)
Lead
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS 50 Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[215872 Series](#)