

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2158720101**
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: Mini-Link Wi-Fi Tri-Band Antenna, 30.00mm Length, with SMA Male Connector

Documents:

Drawing (PDF)	Packaging Specification 2158720001-001 (PDF)
Product Specification 2158720101-000 (PDF)	Datasheet (PDF)
Application Specification 2158720101-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	<u>215872</u>
Component Type	External Antenna
Function	Signal
Mates With	SMA Socket
Overview	<u>Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee</u>
Product Name	Mini-Link Antenna
Protocol	BT, DSRC, Wi-Fi
Type	Wi-Fi Antenna
UPC	193264757176

Physical

Length	30.00mm
Mounting Style	N/A
Net Weight	5.310/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)	3.0 @ 6 GHz, 3.8 @ 2.4 GHz, 4.6 @ 5 GHz
Return Loss - S11 (dB)	< -10, < -4, < -5
Total Efficiency	>50% @ 6 GHz, >60% @2.4 GHz, >65% @ 5 GHz

Material Info

Reference - Drawing Numbers

Application Specification	2158720101-001
Packaging Specification	2158720001-001
Product Specification	2158720101-000
Sales Drawing	2158720101-000



Series image - Reference only

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Not Contained

Search Parts in this Series

215872 Series