

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2143860001](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Wi-Fi/Bluetooth External Antenna, with I-PEX MHF Connector, Black

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[3D Model \(PDF\)](#)
[Product Specification 2143860001-001 \(PDF\)](#)
[Application Specification 2143860001-000 \(PDF\)](#)
[Packaging Specification 2143860001-000 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Antennas
Series [214386](#)
Component Type External Antenna
Function Signal
Mates With I-PEX MHF I Receptacle
Overview Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name 2.4/5GHz Wi-Fi/BT Antenna
Protocol BT, Wi-Fi
Type External Antenna
UPC 193264430079

Physical
Length 104.00mm
Mounting Style N/A
Net Weight 6.000/g
Packaging Type PET Bag
Polarization Linear
Radiation Pattern Omnidirectional
Width 9.35mm

Electrical
Band#1 F_End (MHz) 2500
Band#1 F_Start (MHz) 2400
Band#2 F_End (MHz) 5850
Band#2 F_Start (MHz) 5150
Electrical Connectivity Cable
Peak Gain (dBi) 3.3 @ 2.4 GHz, 5.2 @ 2.4 GHz
Return Loss - S11 (dB) < -10
Total Efficiency >65% @ 5 GHz, >80% @ 2.4 GHz

Material Info

Reference - Drawing Numbers
Application Specification 2143860001-000
Packaging Specification 2143860001-000
Product Specification 2143860001-001
Sales Drawing 2143860001-000



EU ELV
Not Relevant

EU RoHS	China RoHS
Compliant with Exemption 6(c)	
REACH SVHC	
Contained Per - ECHA_01_2020 (16 January 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
[214386](#) Series