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Part Number: [2144281001](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz Wi-Fi/Bluetooth External Antenna, with I-PEX MHF Connector, Black

Documents:
[3D Model](#) [Application Specification 2144280001-000 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification 2143860001-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 2144280001-001 \(PDF\)](#)

General
Product Family Antennas
Series [214428](#)
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 2.4GHz Wi-Fi/BT Antenna
Protocol BT, Wi-Fi
Type External Antenna
UPC 193264436057

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

Electrical
Band#1 F_End (MHz) 2500
Band#1 F_Start (MHz) 2400
Electrical Connectivity Cable
Peak Gain (dBi) 3.1 @ 2.4 GHz
Return Loss - S11 (dB) < -8
Total Efficiency >75% @ 2.4 GHz

Material Info

Reference - Drawing Numbers
Application Specification 2144280001-000
Packaging Specification 2143860001-000
Product Specification 2144280001-001
Sales Drawing 2144280001-000



EU ELV

Not Relevant

EU RoHS

**Compliant with
Exemption 6(c)**

REACH SVHC

Contained Per -
D(2020)9139-DC (19
Jan 2021)
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

[214428](#) Series