Part Number: 2144281001
Status: Active
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz Wi-Fi/Bluetooth External Antenna, Compatible with U.FL / I-PEX MHF Connectors, White



Series image - Reference only

Documents:

3D Model
3D Model (PDF)
Drawing (PDF)
Product Specification 2144280001-001 (PDF)
Application Specification 2144280001-000 (PDF)
Packaging Specification 2143860001-000 (PDF)
RoHS Certificate of Compliance (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)

China RoHS

REACH SVHC
Contained Per - D(2021)10043-DC (17 Jan 2022)
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