

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2144150011](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz Wi-Fi/Bluetooth Hinged External Antenna, with Reverse Polar SMA Male Connector, Black

Documents:

3D Model	Product Specification 2144150001-PS (PDF)
Drawing (PDF)	Application Specification 2144150001-AS (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	214415
Component Type	External Antenna
Function	Signal
Mates With	Reverse Polar SMA Female 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	193264434732

Physical

Length	108.40mm
Mounting Style	N/A
Net Weight	7.715/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
Electrical Connectivity	Cable
Peak Gain (dBi)	5.3 @ 2.4 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>80% @ 2.4 GHz

Material Info

Reference - Drawing Numbers

Application Specification	2144150001-AS
Product Specification	2144150001-PS
Sales Drawing	2144150001-SD



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

[214415](#) Series