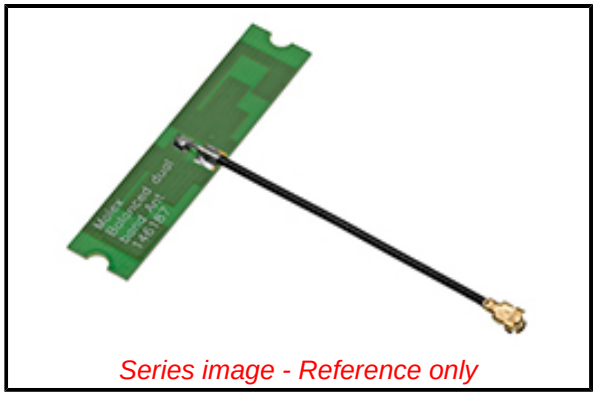
Part Number: 1461870050
Status: Active
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Wi-Fi PCB Antenna with Balanced Transmission, 9.00mm Width, 50.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification PS-146187-100-001 (PDF)
- Application Specification AS-146187-100-001 (PDF)
- Packaging Specification 1461870100-PK (PDF)
- Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	146187
Component Type	PCB Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz Balanced PCB Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Wi-Fi Antenna
UPC	889056416399

Physical

Cable Length	50.00mm
Length	40.95mm
Mounting Style	Screw-Nut
Net Weight	0.732/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.70mm
Width	9.00mm

Electrical

Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Electrical Connectivity	Cable
Peak Gain (dBi)	3.4 @ 2.4 GHz, 4.75 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>75% @ 5 GHz, >85% @ 2.4 GHz

Material Info

Reference - Drawing Numbers

Application Specification	AS-146187-100-001
Packaging Specification	1461870100-PK
Product Specification	PS-146187-100-001
Sales Drawing	SD-146187-050-001

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Contained Per - ECHA_01_2020 (16 January 2020)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinoprop

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
146187 Series