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Part Number:

1461870100

Status:

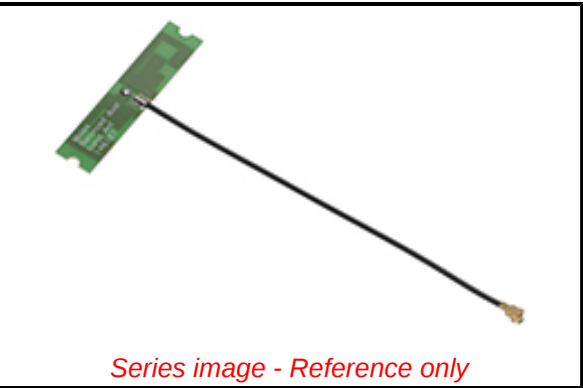
Active

Overview:

Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee

Description:

2.4GHz / 5GHz Wi-Fi PCB Antenna with Balanced Transmission, 9.00mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Documents:

3D Model

Drawing (PDF)

Product Specification PS-146187-100-001 (PDF)

Application Specification AS-146187-100-001 (PDF)

Packaging Specification 1461870100-PK (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (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 Literature Order No	987651-6901
Product Name	2.4/5GHz Balanced PCB Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Wi-Fi Antenna
UPC	889056416405
Physical	
Cable Length	100.00mm
Length	40.95mm
Mounting Style	Screw-Nut
Net Weight	0.893/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)	3.2 @ 2.4 GHz, 4.5 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>70% @ 5 GHz, >80% @ 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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per -ED/88/2018 (15 January 2019)	
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

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