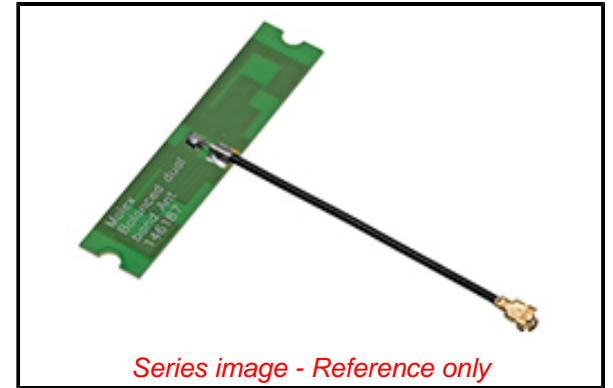


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Part Number: [1461870050](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: Wi-Fi 6E PCB Cabled Balanced Antenna, 9.00mm Width, 50.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

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



General

Product Family	Antennas
Series	146187
Component Type	PCB Antenna with Cable
Function	Signal
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
Taxonomy	Antennas
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

REACH SVHC

Contained Per -
D(2022)4187-DC (10
June 2022)
2-Methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[146187 Series](#)

Mates With

[734120110 Microcoaxial RF, 50 Ohm](#)