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Part Number: [1461531050](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Wi-Fi Stand Alone Balance Antenna, 9.00mm Width, 50.00mm Cable Length, Compatible with I-PEX MHF4 Connectors

Documents:	
3D Model	Application Specification AS-146153-100-001 (PDF)
3D Model (PDF)	Packaging Specification 1461530100-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-146153-100-001 (PDF)	RoHS Certificate of Compliance (PDF)

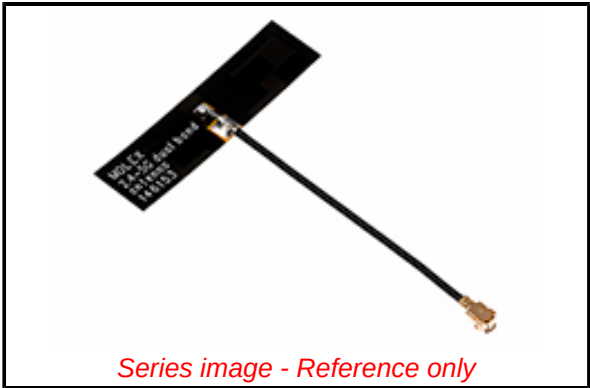
General	
Product Family	Antennas
Series	146153
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz Balanced Flex Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Wi-Fi Antenna
UPC	191128463232

Physical	
Cable Length	50.00mm
Length	34.90mm
Mounting Style	Adhesive
Net Weight	0.384/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	9.00mm

Electrical	
Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5930
Band#2 F_Start (MHz)	4900
Electrical Connectivity	Cable
Peak Gain (dBi)	3.2 @ 2.4 GHz, 4.25 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>78% @2.4 GHz, >79% @ 5 GHz

Material Info

Reference - Drawing Numbers	
Application Specification	AS-146153-100-001
Packaging Specification	1461530100-000
Product Specification	PS-146153-100-001
Sales Drawing	1461531050-SD



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ECHA_01_2020 (16 January 2020)	
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
[146153 Series](#)

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