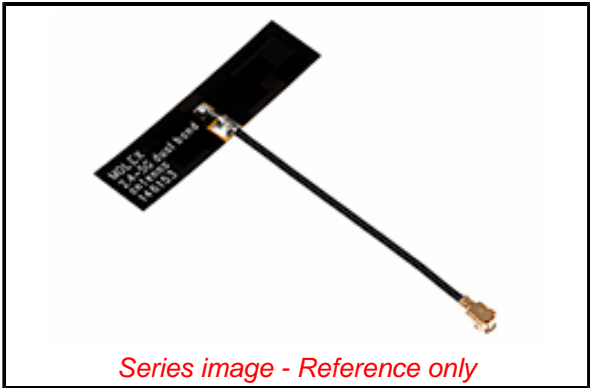


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Part Number:	1461530050
Status:	Active
Overview:	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description:	Wi-Fi 6E Flex Cabled Balanced Antenna, 9.00mm Width, 50.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors
Documents:	
3D Model	Application Specification AS-146153-100-001 (PDF)
Drawing (PDF)	Packaging Specification 1461530100-000 (PDF)
3D Model (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
Mates With	Molex Receptacle 734120110 and other alternatives
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	889056310000
Physical	
Cable Length	50.00mm
Length	34.90mm
Mounting Style	Adhesive
Net Weight	0.487/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	SD-146153-050-001

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
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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