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Part Number:

0479500011

Status:

Active

Overview:

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

Description:

2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 16.00mm Width, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Documents:	
3D Model	Application Specification AS-47950-011-001 (PDF)
Drawing (PDF)	Packaging Specification PK-47950-001-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-47950-011-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Antennas
Series	47950
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4GHz SMD Stand Alone
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Taxonomy	Antennas
Type	Wi-Fi Antenna
UPC	884982642645
Physical	
Cable Length	100.00mm
Length	35.90mm
Mounting Style	Adhesive
Net Weight	0.680/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	15.90mm
Electrical	
Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5900
Band#2 F_Start (MHz)	4800
Electrical Connectivity	Cable
Peak Gain (dBi)	2.27 @ 2.4 GHz, 4.9 @ 5 GHz
Return Loss - S11 (dB)	< -10, < -9
Total Efficiency	>85% @ 2.4 GHz, >85% @ 5 GHz
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-47950-011-001
Packaging Specification	PK-47950-001-001
Product Specification	PS-47950-011-001
Sales Drawing	SD-47950-011-001

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

47950 Series

Mates With

734120110 Microcoaxial RF, 50 Ohm

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