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Part Number: 0479502011

Status: Active

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

Description: 2.4GHz / 5GHz Wi-Fi Stand Alone Antenna, 16.00mm Width, 200.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Series image - Reference only

Documents:

- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Packaging Specification PK-47950-001-001 (PDF)
- Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	Antennas
Series	47950
Component Type	Flexible Antenna with Cable
Function	Signal
Mates With	734120110 Microcoaxial RF, 50 Ohm
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
Type	Wi-Fi Antenna
UPC	884982682054

Physical

Cable Length	200.00mm
Length	35.90mm
Mounting Style	Adhesive
Net Weight	0.960/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)	2.6 @ 2.4 GHz, 4.4 @ 5 GHz
Return Loss - S11 (dB)	< -10, < -9
Total Efficiency	>75% @ 5 GHz, >80% @ 2.4 GHz

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47950-001-001
Sales Drawing	SD-47950-011-001

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
47950 Series

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