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Part Number: [2069940100](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: 2.4GHz / 5GHz Flexible Antenna, 6.40mm Width, 15.40mm Cable Length, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

Drawing (PDF)	Packaging Specification 2069940100-PK (PDF)
Product Specification 2069940100-PS (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 2069940100-AS (PDF)	Product Literature (PDF)

General

Product Family	Antennas
Series	206994
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 Literature Order No	987651-6901
Product Name	2.4/5GHz Flexible Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Zigbee
Type	Wi-Fi Antenna
UPC	191128861236

Physical

Cable Length	100.00mm
Length	15.40mm
Mounting Style	Adhesive
Net Weight	0.571/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.15mm
Width	6.40mm

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)	3.6 @ 5 GHz
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>55% @2.4 GHz, >70% @ 5 GHz

Material Info

Reference - Drawing Numbers

Application Specification	2069940100-AS
Packaging Specification	2069940100-PK
Product Specification	2069940100-PS
Sales Drawing	2069940100-SD



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[206994](#) Series