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Part Number: [2069940100](#)
Status: **Active**
Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Description: Wi-Fi 6E Flex Cabled Side-Fed Antenna, 6.40mm Width, 15.40mm Cable Length, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors

Documents:

3D Model	Application Specification 2069940100-AS (PDF)
Drawing (PDF)	Packaging Specification 2069940100-PK (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 2069940100-PS (PDF)	RoHS Certificate of Compliance (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 Name	2.4/5GHz Flexible Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Zigbee
Taxonomy	Antennas
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 -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[206994 Series](#)

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