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Part Number: [2069940100](#)
Status: **Active**
Overview: Antennas
Description: 2.4GHz / 5GHz Flexible Antenna, 6.40mm Width, 15.40mm Length, Cable Length 100.00mm

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
Mates With	73412-0110 Microcoaxial RF, 50 Ohm
Overview	Antennas
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 @ 5G
Return Loss - S11 (dB)	< -10, < -5
Total Efficiency	>55% @2.4G, >70% @ 5G

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/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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[206994 Series](#)