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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 **China 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

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

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