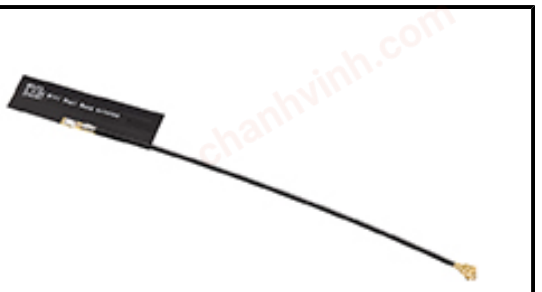
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Part Number: 2042810100
Status: Active
Overview: Antennas
Description: 2.4GHz / 5GHz Wi-Fi Antenna with Side Solder Cable, 100.00mm Cable Length



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification 2042810100-PS (PDF)
Application Specification 2042810100-AS (PDF)
Packaging Specification 2042810100-PK (PDF)
RoHS Certificate of Compliance (PDF)
Product Literature (PDF)

General

Product Family	Antennas
Series	204281
Component Type	Stand Alone Antenna with Cable
Mates With	Molex Receptacle 73412-0110 and other alternatives
Overview	Antennas
Product Literature Order No	987651-6901
Product Name	2.4/5GHz Wi-Fi Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Zigbee
Type	Wi-Fi Antenna
UPC	191128324496

Physical

Cable Length	100.00mm
Length	35.00mm
Mounting Style	Adhesive
Net Weight	0.668/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Thickness	0.10mm
Width	11.00mm

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
Impedance	50Ω
Number of Bands	2
Peak Gain (dBi)	2.0 @ 2.4G, 3.3 @ 5G
Return Loss - S11 (dB)	< -10
Total Efficiency	>65% @2.4G, >68% @ 5G

Material Info

Reference - Drawing Numbers

Application Specification	2042810100-AS
Packaging Specification	2042810100-PK
Product Specification	2042810100-PS
Sales Drawing	2042810100-000

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ED/30/2017 (7 July 2017)

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
204281 Series

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