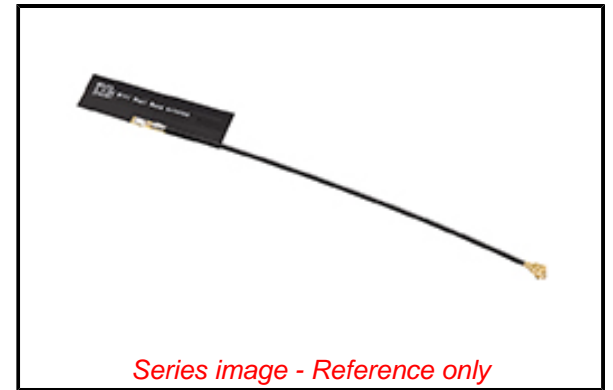


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2042811150](#)
Status: **Active**
Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Description: [Wi-Fi 6E Flex Cabled Side-Fed Balanced Antenna, 150.00mm Cable Length, Compatible with I-PEX MHF4 Connectors](#)

Documents:

3D Model	Application Specification 2042810100-AS (PDF)
3D Model (PDF)	Packaging Specification 2042810100-PK (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 2042810100-PS (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Antennas
Series	204281
Component Type	Flexible Antenna with Cable
Function	Signal
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz Wi-Fi Antenna
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Wi-Fi Antenna
UPC	191128462532

Physical

Cable Length	150.00mm
Length	35.00mm
Mounting Style	Adhesive
Net Weight	0.785/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
Peak Gain (dBi)	1.8 @ 2.4 GHz, 3.1 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>63% @ 2.4 GHz, >66% @ 5 GHz

Material Info

Reference - Drawing Numbers

Application Specification	2042810100-AS
Packaging Specification	2042810100-PK
Product Specification	2042810100-PS
Sales Drawing	2042811100-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[204281](#) Series

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Antennas](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[000-16050](#) [001-0001](#) [001-0002](#) [001-0002](#) [001-0009](#) [001-0011](#) [001-0014](#) [001-0016](#) [001-0021](#) [001-0022](#) [001-0023](#) [0433AT62A0020E](#) [0600-00012](#) [0600-00019](#) [0600-00020](#) [0600-00024](#) [0600-00025](#) [0600-00030](#) [0600-00039](#) [0600-00048](#) [0600-00057](#) [0600-00060](#) [0830AT54A2200E](#) [0868AT43A0020E](#) [090-03390-202](#) [0900AD47A2450E](#) [0900AD54B2450E](#) [0900AT43A0070E](#) [0915AT43A0026E](#) [1000146](#) [1000418](#) [1000423](#) [1001011](#) [1001013](#) [1001039](#) [1001312](#) [1001388](#) [1001430](#) [1001932FT-AA10L0150](#) [1001932FT-AA10L0200](#) [1001932PT-AA10L0100](#) [1002089](#) [1002232](#) [1002289](#) [1002289F0-AA10L0100](#) [1002289F0-AA10L0200](#) [1002292](#) [1002295](#) [1002298](#) [1002427](#)