This document was generated on 02/18/2020

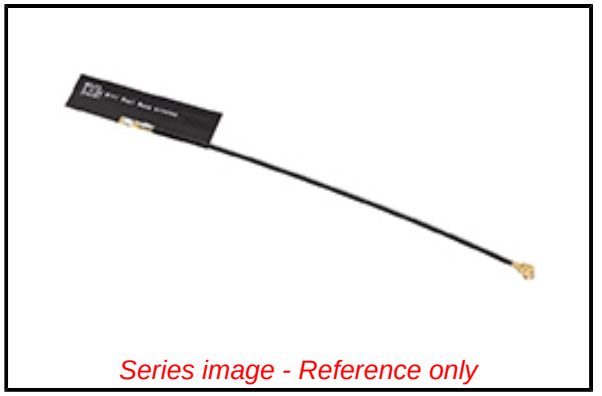
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 2042811300

Status: Active

Overview: Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee

Description: 2.4GHz / 5GHz Wi-Fi Antenna with Side Solder Cable, 300.00mm Cable Length, Compatible with I-PEX MHF4 Connectors



Series image - Reference only

Documents:

- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Product Specification 2042810100-PS (PDF)
- Application Specification 2042810100-AS (PDF)
- Packaging Specification 2042810100-PK (PDF)
- Datasheet (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	191128462563
Physical	
Cable Length	300.00mm
Length	35.00mm
Mounting Style	Adhesive
Net Weight	1.274/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)	1.2 @ 2.4 GHz, 2.3 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>55% @2.4 GHz, >60% @ 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 | **China RoHS**
Compliant

REACH SVHC
Contained Per - ED/01/2018 (15 January 2018)
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
204281 Series

This document was generated on 02/18/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION