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Part Number:

2042810100

Status:

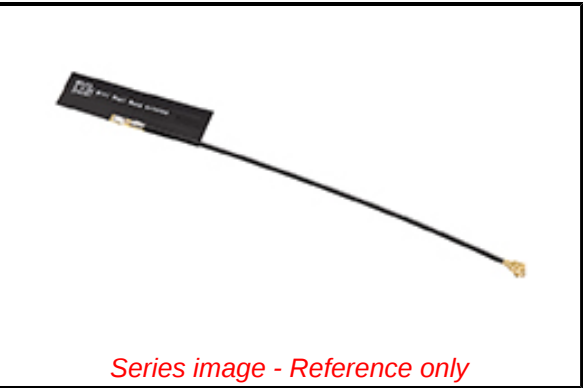
Active

Overview:

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

Description:

2.4GHz / 5GHz Wi-Fi Antenna with Side Solder Cable, 100.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



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

General	
Product Family	Antennas
Series	204281
Component Type	Flexible Antenna with Cable
Datasheet Order No	987651-6901
Function	Signal
Mates With	Molex Receptacle 734120110 and other alternatives
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	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
Peak Gain (dBi)	2.0 @ 2.4 GHz, 3.3 @ 5 GHz
Return Loss - S11 (dB)	< -10
Total Efficiency	>65% @2.4 GHz, >68% @ 5 GHz
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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
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