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Part Number: 2158680001

Status: Active

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

Description: 2.4GHz / 5GHz Wi-Fi On-Metal Antenna, 300.00mm Cable Length, Compatible with U.FL / I-PEX MHF Connectors



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification 2158680001-001 (PDF)
Application Specification 2158680001-000 (PDF)
Packaging Specification 2158680001-001 (PDF)
Datasheet (PDF)
RoHS Certificate of Compliance (PDF)

General	
Product Family	Antennas
Series	215868
Component Type	External Antenna
Mates With	U.FL / I-PEX MHF Connector
Overview	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4/5GHz On-Metal Antenna
Protocol	BT, DSRC, Wi-Fi
Type	Wi-Fi Antenna
UPC	193264779635
Physical	
Cable Length	300.00mm
Mounting Style	Adhesive, Screws
Net Weight	7.040/g
Packaging Type	Tray
Polarization	Linear
Radiation Pattern	Omnidirectional
Temperature Range - Operating	-40° to +85°C
Electrical	
Band#1 F_End (MHz)	2500
Band#1 F_Start (MHz)	2400
Band#2 F_End (MHz)	5850
Band#2 F_Start (MHz)	5150
Peak Gain (dBi)	2.0 @ 2.4 GHz, 5.5 @ 5 GHz
Return Loss - S11 (dB)	< -6
Total Efficiency	>45% @ 5 GHz, >50% @ 2.4 GHz
Material Info	
Reference - Drawing Numbers	
Application Specification	2158680001-000
Packaging Specification	2158680001-001
Product Specification	2158680001-001
Sales Drawing	2158680001-000

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2021)10043-DC (17 Jan 2022)

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
215868 Series

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