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Part Number: [0479480001](#)
Status: **Active**
Overview: [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)
Description: [2.4GHz SMT MID Chip Antenna](#)

Documents:
[3D Model \(PDF\)](#) [Application Specification AS-47948-001-001 \(PDF\)](#)
[HFSS Model](#) [Packaging Specification PK-47948-001-001 \(PDF\)](#)
[3D Model](#) [Datasheet \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-47948-001-001 \(PDF\)](#)

General
Product Family [Antennas](#)
Series [47948](#)
Component Type [Surface Mount Device Antenna](#)
Function [Signal](#)
Overview [Internet of Things \(IoT\) Antennas: Wi-Fi, Bluetooth, Zigbee](#)

Product Name [2.4GHz SMT OnGround MID Chip](#)
Protocol [BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee](#)
Type [Wi-Fi Antenna](#)
UPC [884982642621](#)

Physical
Cable Length [N/A](#)
Length [3.00mm](#)
Mounting Style [Surface Mount](#)
Net Weight [0.042/g](#)
Packaging Type [Embossed Tape on Reel](#)
Polarization [Linear](#)
Radiation Pattern [Omnidirectional](#)
Thickness [4.00mm](#)
Width [3.00mm](#)

Electrical
Band#1 F_End (MHz) [2483.5](#)
Band#1 F_Start (MHz) [2400](#)
Electrical Connectivity [SMD](#)
Peak Gain (dBi) [3.3 @ 2.4 GHz](#)
Return Loss - S11 (dB) [< -10](#)
Total Efficiency [>70%](#)

Material Info

Reference - Drawing Numbers
[Application Specification AS-47948-001-001](#)
[Packaging Specification PK-47948-001-001](#)
[Product Specification PS-47948-001-001](#)
[Sales Drawing SD-47948-001-001](#)



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - D(2020)4578-DC (25 June 2020) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS Green Image ELV Not Relevant RoHS Phthalates Not Contained
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Search Parts in this Series
[47948 Series](#)