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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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[47948 Series](#)