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**Part Number:** [0479480001](#)  
**Status:** **Active**  
**Overview:** [Antennas](#)  
**Description:** 2.4GHz SMT On-ground MID Chip Antenna

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-47948-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-47948-001-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Application Specification AS-47948-001-001 (PDF)</a>	

**General**

Product Family	Antennas
Series	47948
Component Type	Surface Mount Device Antenna
Overview	<a href="#">Antennas</a>
Product Literature Order No	987650-5702
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

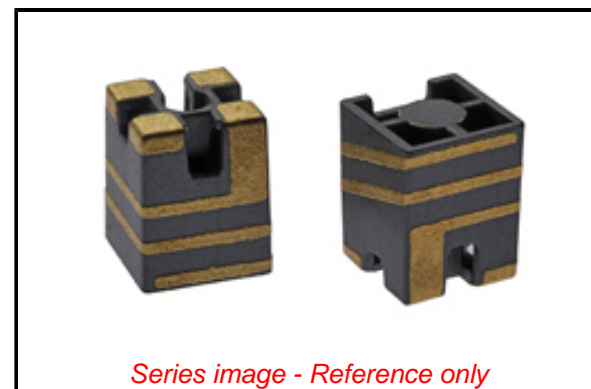
**Electrical**

Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Electrical Connectivity	SMD
Peak Gain (dBi)	3.3 @ 2.4G
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 -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Low-Halogen**

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environmental compliance?**

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Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

Prop65

RoHS Phthalates

Green Image

Not Relevant

Compliant

Not Contained

**Search Parts in this Series**

[47948 Series](#)