



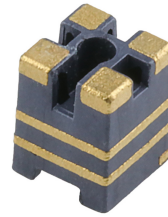
Part Number : [479480001](#)

Product Description : 2.4GHz SMT MID Chip Antenna

Series Number : 47948

Status : Active

Product Category : Antennas



Documents & Resources

Drawings

[Drawing 479480001_sd.pdf](#)

3D Models and Design Files

[3D Model 479480001_stp.zip](#)

[HFSS Model 479480001_HFSS.zip](#)

Specifications

[Application Specification AS-47948-001-001.pdf](#)

[Packaging Specification PK-47948-001-001.pdf](#)

[Product Specification PS-47948-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Antennas
Series	47948
Description	2.4GHz SMT MID Chip Antenna
Component Type	Surface Mount Device Antenna
Function	Signal
Product Family	Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee
Product Name	2.4GHz SMT MID Chip
Protocol	BLE, BT, Thread, Wi-Fi, Wireless Hart, Zigbee
Type	Internal, Wi-Fi Antenna
UPC	884982642621

Electrical

Band#1 F_End (MHz)	2483.5
Band#1 F_Start (MHz)	2400
Electrical Connectivity	SMD
Peak Gain (dBi)	3.7 @ 2.4 GHz
Return Loss - S11 (dB)	< -6
Total Efficiency	>70%

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

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