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Part Number: 0479480001
Status: Active
Overview: Standard Antennas
Description: 2.4GHz SMT On-ground MID Chip Antenna

Documents:

- 3D Model
Drawing (PDF)
Product Specification PS-47948-001-001 (PDF)
Application Specification AS-47948-001-001 (PDF)
- Packaging Specification PK-47948-001-001 (PDF)
RoHS Certificate of Compliance (PDF)
Product Literature (PDF)

General

Product Family	Antennas
Series	47948
Component Type	Surface Mount Device Antenna
Overview	Standard Antennas
Product Literature Order No	987650-5702
Product Name	2.4GHz SMT OnGround MID Chip
Protocol	BLE, BT, 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	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
Impedance	50Ω
Number of Bands	1
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

*Wi-Fi is a registered trademark of the Wi-Fi Alliance



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

47948 Series