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**Part Number:** [47948-0001](#)  
**Status:** **Active**  
**Description:** 2.4GHz Surface Mount Device (SMD) On Ground Antenna, 50 Ohms

**Documents:**

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

**General**

Product Family	Antennas
Series	<a href="#">47948</a>
Component Type	Surface Mount Device Antenna
Product Literature Order No	987650-5702
Product Name	2.4 GHz SMD on Ground
Type	ISM Band Antenna

**Physical**

Cable Length	N/A
Depth	4.00mm
Length	3.00mm
Mounting Style	Surface Mount
Packaging Type	Reel
Polarization	Linear
Radiation Pattern	Omnidirectional
Weight	0.03g
Width	3.00mm

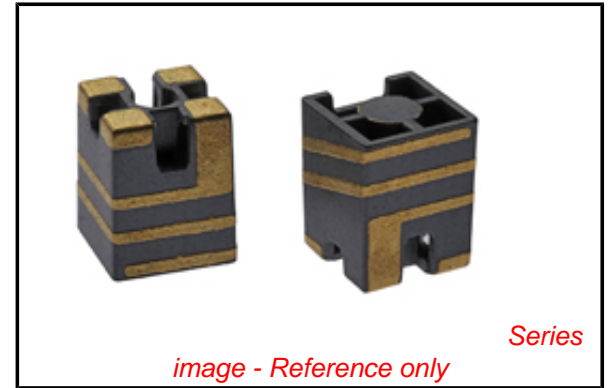
**Electrical**

Band#1 F_End (MHz)	2,483.5
Band#1 F_Start (MHz)	2,400
Electrical Connectivity	SMD
Impedance	50#
Number of Bands	1
Peak Gain (dbi)	3.6
Return Loss - S11 (db)	< -10
Total Efficiency (db)	> -1.5

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-47948-001
Packaging Specification	PK-47948-001
Product Specification	PS-47948-001
Sales Drawing	SD-47948-001



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Low-Halogen Status  
Low-Halogen**

**China RoHS**



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**Search Parts in this Series**

[47948Series](#)