ANT-DB1-RAF-RPS - ACTIVE

TE Internal #: ANT-DB1-RAF-RPS Whip Antenna, Triple Band, Wi-Fi, External Mount, Connector, RP-SMA, Omnidirectional, Single Port, Gain 3 < 6 dBi

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Wireless Application: Wi-Fi

Mounting Location: External

Mounting Type: Connector

Antenna Termination: **RP-SMA**

Antenna Type: Whip

Features

Product Type Features

Antenna Termination RP-SMA **Configuration Features** Antenna Style Whip

= TEconnectivity

Mounting Location	External		
Antenna Type	Whip		
Band Type	Triple Band		
Port Configuration	Single Port		
Electrical Characteristics			
VSWR (Max)	<1.9:1		
Impedance	50 Ω		
Signal Characteristics			
Gain (Max)	2.5 dB		
Frequency Band	2400 – 2485 MHz		
Nominal Frequency Range	2400 – 7125		
Peak Gain	3 < 6 dBi		
Body Features			
Product Weight	12.68 g[.44726 oz]		
Mechanical Attachment			
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Polarization	Linear		
Mounting Type	Connector		
Dimensions			
Product Width	11 mm[.43 in]		
Product Length	104.9 mm[4.13 in]		
Product Height	0 mm[0 in]		
Operation/Application			
Antenna Environment	Outdoor		
Directionality	Omnidirectional		
Industry Standards			
Wireless Application	Wi-Fi		
Primary Application	Wi-Fi		
Product Compliance			
For compliance documentation, visit the product page on TE.com>			

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed

China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold	
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Not Yet Reviewed	
Halogen Content	Not Yet Reviewed for halogen content	
Solder Process Capability	Not reviewed for solder process capability	

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

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Compatible Parts



TE Part # CONREVSMA001-G RP-SMA Jack 50 Ohm PCB Through Hole



TE Part # CONREVSMA002-SMD-G RP-SMA RA Jack 50 Ohm PCB Surface Mount



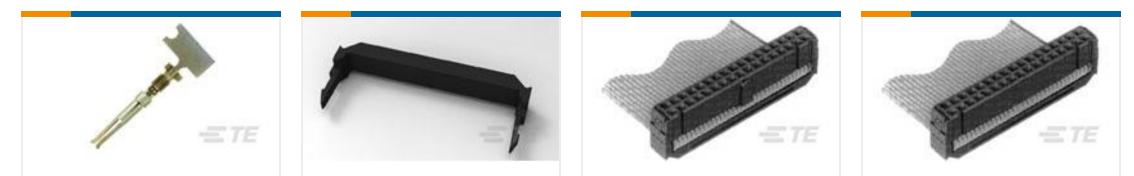
TE Part # L9000251-01 RP-SMA Jack 50 Ohm .062 PCB Edge Mount



TE Part # L9000254-01 RP-SMA Jack 50 Ohm .031 PCB Edge Mount



Customers Also Bought



TE Part #1-66504-0	TE Part #499252-3	TE Part #1658622-8	TE Part #1658623-1
SOCKET CONTACT, 20 DF	026 STRAIN RELIEF A-L RCPT	34 NOVO MIL/CTR 30DP,LEAD FREE	10 NOVO MIL 30DP, LEAD FREE
TE Part #1658623-3	TE Part #1658623-4	TE Part #1658623-6	TE Part #2-6609104-4
16 NOVO MIL 30DP, LEAD FREE	20 NOVO MIL 30DP, LEAD FREE	26 NOVO MIL 30DP, LEAD FREE	PE0S0DS6B=C1255



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Documents

Product Drawings Antenna WiFi6/6E Swivel RPS

English

Datasheets & Catalog Pages Hinged Blade WiFi 6/5/4 Antenna

English