MAF94028 ✔ ACTIVE

TE Internal #: MAF94028

Terminal/Duck Antenna, Single Band, Wi-Fi, External Mount, Connector Mount, RP-SMA, Omnidirectional, Single Port, 0 < 3 dBi Peak Gain

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Antennas



Communication Protocol: **Wi-Fi**

Mounting Location: **External**

Mounting Type: **Connector Mount**

Frequency Category: **2400 – 2500**

Antenna Type: **Terminal/Duck**

Features

Product Type Features

Antenna Termination	RP-SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Dipole, Stubby
Mounting Location	External
Antenna Type	Terminal/Duck
Band Type	Single Band
Port Configuration	Single Port

Signal Characteristics

Frequency Band	2400 – 2500 MHz
Gain (Max)	1.5 dB
Frequency Category	2400 – 2500
Peak Gain	0 < 3 dBi

Mechanical Attachment

Mounting Type	Connector Mount

Dimensions

Cable Length	.1 m[.33 ft]

Operation/Application

Antenna Environment	Indoor, Outdoor
Directionality	Omnidirectional

Industry Standards

Communication Protocol	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	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

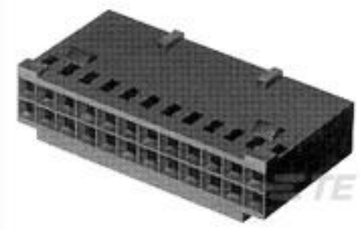
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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.

Compatible Parts



TE Part # MAF94017
Dipol,WCR,100,IPX 2.4GHz,2dBi,RG178

Customers Also Bought



TE Part #1-87631-4
18 MODIV HSG DR MKRD .100 POL



TE Part #5-103414-6
08 MODII HDR SRST SHRD LF



TE Part #5-103414-8
10 MODII HDR SRST SHRD LF



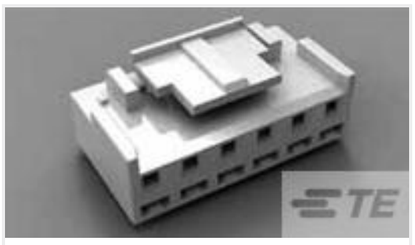
TE Part #170360-1
UNIV M-N-L PIN 22-18 AWG



TE Part #216550-2
8/8 PCB MOD.JACK TE



TE Part #794878-1
03P UMNL PIN HDR ASSY 94VO



TE Part #1-1123722-7
3.96 EP PLUG HSG 7P(NATURAL)



TE Part #1-1462037-8
IM03TS=IM RELAY 140mW 5V



TE Part #2-1825027-0
FSMRA7JH04=R/A,TACT PB SW,160G



TE Part #1-2176330-6
CRGP 2010 180R 1%

Documents

Agency Approvals

UK Declaration of Conformity

English