OCX24688-FNM ✔ ACTIVE

ProSig

TE Internal #: OCX24688-FNM

Baton/Stick Antenna, Triple Band, Wi-Fi, External Mount, Stud /Screw/Lug Mount, N-type, Omnidirectional, Single Port, 3 < 6 dBi Peak Gain

View on TE.com >

Antennas



Communication Protocol: **Wi-Fi**

Mounting Location: **External**

Mounting Type: **Stud/Screw/Lug Mount**

Frequency Category: **2400 – 7125**

Antenna Type: **Baton/Stick**

Features

Product Type Features

Antenna Termination	N-type
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Stick/Baton
Mounting Location	External
Antenna Type	Baton/Stick
Band Type	Triple Band
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<2.5:1

Signal Characteristics

Frequency Band	2400 – 2484 MHz, 4900 – 4990 MHz, 5170 –

	5330 MHz, 5490 – 7125 MHz
Frequency Category	2400 – 7125
Peak Gain	3 < 6 dBi

Body Features

Antenna Weight	137 g[4.83 oz]

Mechanical Attachment

Polarization	Vertical Linear
Mounting Type	Stud/Screw/Lug Mount

Dimensions

Product Diameter	32 mm[1.26 in]
Product Height	287 mm[11.3 in]

Operation/Application

Antenna Environment	Outdoor
Wireless Standard	802.11 a/b/g/n/ac/ad/ax, Bluetooth, ZigBee & Wi-Fi
Directionality	Omnidirectional

Industry Standards

IP Rating	IP67
Communication Protocol	Wi-Fi
Primary Application	Wi-Fi

Product Availability

Applicable Region	Global

Packaging Features

Packaging Method	Box

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)

	Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (4% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # L000488-02
Wi-Fi 6E / 7 Tri-Band V-Pol Omni Antenna



TE Part # OC24005-FNM
Omni,FixMnt,,NM 2400-2500MHz,5dBi,

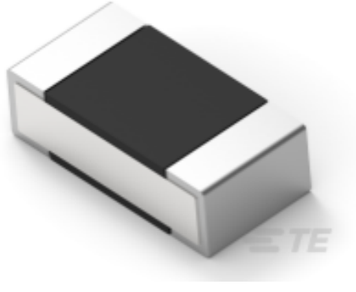


TE Part # L000659-02
OMNI,TBAND,NM,2.4/5-7.125GHz,GM

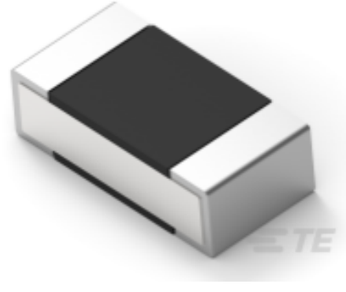
Customers Also Bought



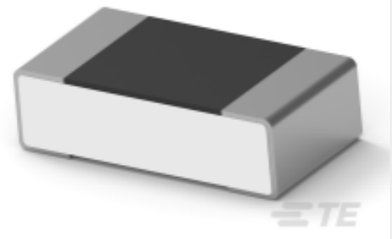
TE Part #1-1625966-3
HSA10 18R 5%



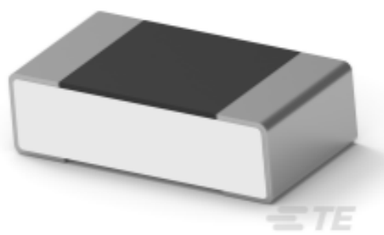
TE Part #1-2176307-8
RP 1E 0.1W 18K7 0.1% 25PPM 5K RL



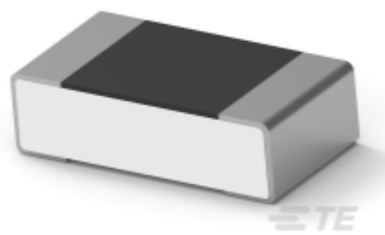
TE Part #7-2176307-2
RP 1E 0.1W 68K1 0.1% 25PPM 5K RL



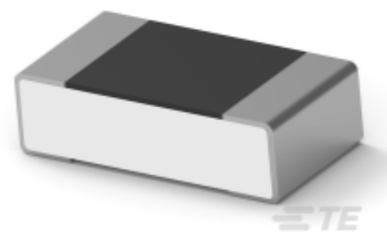
TE Part #2176366-4
RQ 0603 464R 0.1% 10PPM 1K RL



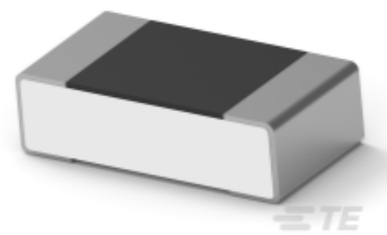
TE Part #2-2176366-0
RQ 0603 681R 0.1% 10PPM 1K RL



TE Part #3-2176366-5
RQ 0603 976R 0.1% 10PPM 1K RL



TE Part #4-2176366-0
RQ 0603 1K1 0.1% 10PPM 1K RL



TE Part #4-2176366-9
RQ 0603 1K37 0.1% 10PPM 1K RL

TE Part #6-2176366-5
RQ 0603 2K0 0.1% 10PPM 1K RL

TE Part #4-2176377-0
RQ 0805 340K 0.1% 10PPM 1K RL

Documents

Product Drawings

TRI-BAND, OMNIDIRECTIONAL ARRAY

English

TRI-BAND, OMNIDIRECTIONAL ARRAY

English

CAD Files

Customer View Model

ENG_CVM_CVM_OCX24688-FNM_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_OCX24688-FNM_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_OCX24688-FNM_B.3d_stp.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

OCX24688-FNM Datasheet

English