



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Number of Terminations: **2**

Package Size Code: **0402**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	General Purpose Resistor
Package Size Code	0402
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	50 V
Passive Component Tolerance	1 %
Resistance Class	1M Ω – 1G Ω
Resistance Value	1M Ω
Power Rating	.0625 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	1 x .5 x .35 mm
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Usage Conditions

Temperature Coefficient	± 100 ppm/ $^{\circ}\text{C}$
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Packaging Features

Packaging Method	Taped & Reeled
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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	Compliant with Exemptions
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) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (2.96% in Component) 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260 $^{\circ}\text{C}$

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

CRGCQ0402F1M0

1M Ω , Thick Film, General Purpose Resistor, 1 %, 2 Termination, 0402, Taped & Reeled, .0625 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 1 x .5 x .35 mm, Neohm CRGCQ



TE Part # 1-2176341-7
CRGCQ 0805 220R 1%

TE Part # 1-2176345-2
CRGCQ 1210 82R 1%

TE Part # 1-2176347-7
CRGCQ 2010 220R 1%

TE Part # 2176349-4
CRGCQ 2512 18R 1%

TE Part # 1-2176350-2
CRGCQ 2512 68R 5%

Also in the Series | Neohm CRGCQ

Surface Mount Resistors(728)

Customers Also Bought

TE Part #2-967640-1
4POS MQS REC COD B

TE Part #2-2176089-4
RP 1J 0.166W 19K1 0.1% 25PPM 1K RL

TE Part #3-2176337-3
CRGCQ 0402 4K7 1%

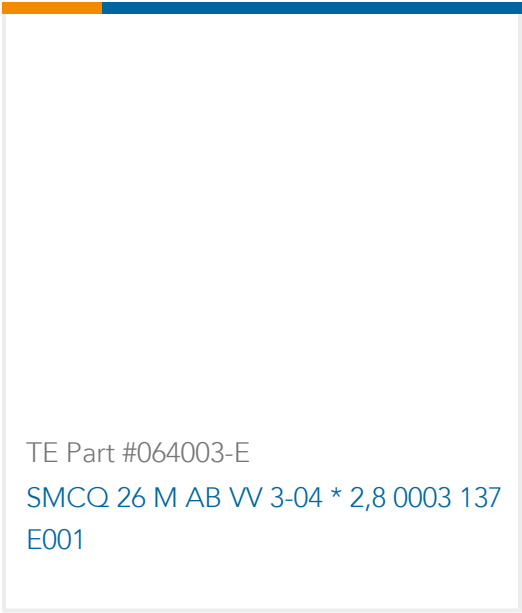
TE Part #1-2176414-8
7W STD M/OX 5% 100R

TE Part #1-2176414-2
7W STD M/OX 5% 56R

TE Part #3-2176307-9
RP 1E 0.1W 30K9 0.1% 25PPM 5K RL

TE Part #4-2176364-1
RQ 0402 12K1 0.1% 10PPM 5K RL

TE Part #064002-E
SMCQ 12 M AB VV 3-04 * 2,8 0003 137 E001



Documents

Product Drawings

CRGCQ 0402 1M0 1%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-2176337-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-2176337-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-2176337-1_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

CRGCQ Data Sheet

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English