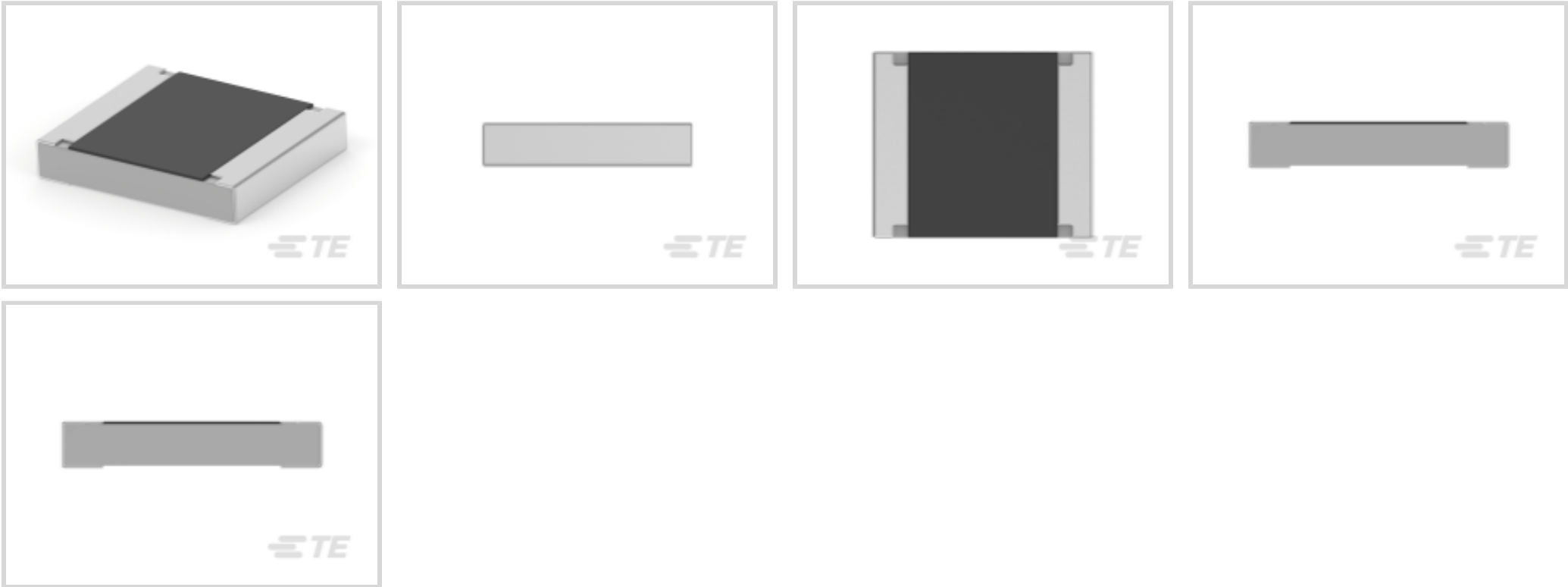




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **1210**

Power Rating: **.5 W**

Resistance Value: **1.5K  $\Omega$**

Features

Product Type Features

|                   |                          |
|-------------------|--------------------------|
| Resistor Type     | General Purpose Resistor |
| Element Type      | Thick Film               |
| Package Size Code | 1210                     |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Operating Voltage           | 200 V                     |
| Power Rating                | .5 W                      |
| Resistance Value            | 1.5K $\Omega$             |
| Resistance Class            | 1k $\Omega$ – 1M $\Omega$ |
| Passive Component Tolerance | 5 %                       |

Termination Features

|                                         |        |
|-----------------------------------------|--------|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations                  | 2      |



Dimensions

|                |                 |
|----------------|-----------------|
| Product Height | .55 mm[.022 in] |
| Product Length | 3.1 mm[.122 in] |
| Product Width  | 2.6 mm[.102 in] |

Usage Conditions

|                         |             |
|-------------------------|-------------|
| Temperature Coefficient | ±100 ppm/°C |
|-------------------------|-------------|

Packaging Features

|                  |                |
|------------------|----------------|
| Packaging Method | Taped & Reeled |
|------------------|----------------|

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 2024 (241)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| 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°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

CRCGQ1210J1K5

General Purpose Resistor, Thick Film, 1210, .5 W, 1.5K ohm, 5 %, ±100 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 in], Neohm CRCGQ



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

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

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

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

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

Also in the Series | [Neohm CRCGQ](#)

Surface Mount Resistors(693)

Customers Also Bought

TE Part #1879233-1  
SMW5 R10 5%

TE Part #1-2176070-2  
3521 30R 1% 2W

TE Part #T4040014041-000  
M8 Panel Mount PCB

TE Part #2040852-1  
SHIELD FINGER 0820 N-B WITH SE

TE Part #322365  
DG 22-16COM22-18MIL HR R 8

TE Part #34104-6  
SOLIS R 22-16 4 NIPL

TE Part #CONMHF1-SMD-G-T  
U.FL/MHF1 Jack 50 Ohm PCB Surface Mount

TE Part #7-2176312-0  
RP 1E 0.1W 64K9 0.1% 25PPM 1K RL



Documents

Product Drawings

CRGCQ 1210 1K5 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-2176346-0\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2176346-0\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2176346-0\_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