# CRGCQ0805J100R ✔ ACTIVE

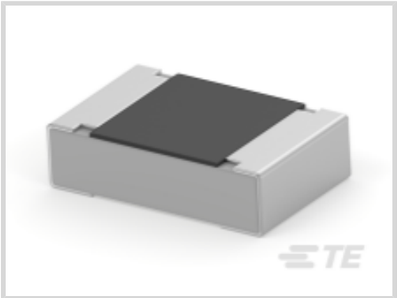
Neohm | Neohm CRGCQ

TE Internal #: 1-2176342-3

Surface Mount Resistors, General Purpose Resistor, 2 Termination, 0805, Taped & Reeled, 5 %, Thick Film, Resistance Class Up to 1kΩ, Neohm CRGCQ

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Number of Terminations: **2**

Package Size Code: **0805**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **5 %**

## Features

### Product Type Features

| | |
|---|---|
| Product Type | Fixed Resistor |
| Resistor Type | General Purpose Resistor |
| Package Size Code | 0805 |
| Element Type | Thick Film |

### Configuration Features

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

### Electrical Characteristics

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|---|---|
| Voltage Rating | 150 V |
| Passive Component Tolerance | 5 % |
| Resistance Class | Up to 1kΩ |
| Resistance Value | 100 Ω |
| Power Rating | .125 W |

### Termination Features

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|---|---|
| Number of Terminations | 2 |

| | |
|---|---|
| Surface Mount Resistor Termination Type | Solder |

### Dimensions

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|---|---|
| Passive Component Dimensions | 2 x 1.25 x .55 mm |

### Usage Conditions

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|---|---|
| Temperature Coefficient | ±200 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<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

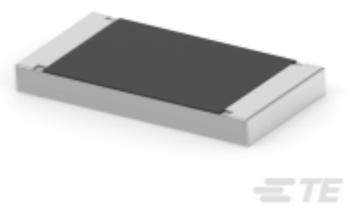
## Compatible Parts

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

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

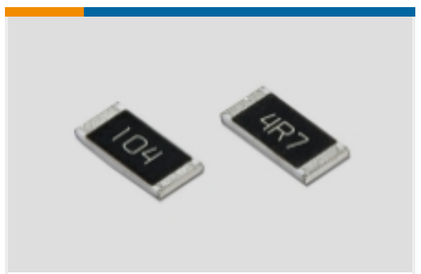
TE Part # 1-2176347-7
CRGCQ 2010 220R 1%

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 #640453-5
05P MTA100 HDR ASSY SQ R/A

TE Part #1623157-1
CRG0805 1% 22K

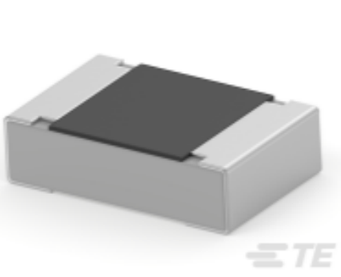
TE Part #1623133-1
CRG0805 1% 1K2

TE Part #1623208-1
CRG0805 1% 390R

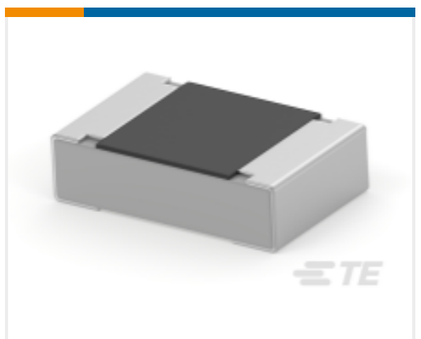
TE Part #1623281-1
CRG0805 1% 750R

TE Part #1623266-1
CRG0805 1% 620R

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



TE Part #1-2176342-9
CRGCQ 0805 1K0 5%



TE Part #3-2176342-7
CRGCQ 0805 1M0 5%

TE Part #1-2176342-7
CRGCQ 0805 470R 5%

## Documents

### Product Drawings

CRGCQ 0805 100R 5%

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176342-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176342-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176342-3_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