# CRGP0603F3K9 ✔ ACTIVE

NEOHM | NEOHM CRGP

TE Internal #: 3-2176326-2

3.9K ohm, Thick Film, General Purpose Resistor, 1 %, 0603, .25 W, ±100 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, NEOHM CRGP

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors




Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **0603**

Power Rating: **.25 W**

Resistance Value: **3.9K Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | General Purpose Resistor |
| Element Type | Thick Film |
| Package Size Code | 0603 |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 50 V |
| Power Rating | .25 W |
| Resistance Value | 3.9K Ω |
| Resistance Class | 1kΩ – 1MΩ |
| Passive Component Tolerance | 1 % |

### Termination Features

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

### Dimensions

| | |
|---|---|
| Product Height | .45 mm[.018 in] |
| Product Length | 1.6 mm[.063 in] |

| | |
|---|---|
| Product Width | .8 mm[.031 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 | Out of Scope |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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



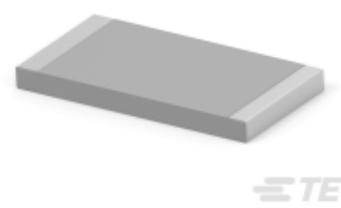
TE Part # 2-2176328-3
CRGP 1206 680R 1%



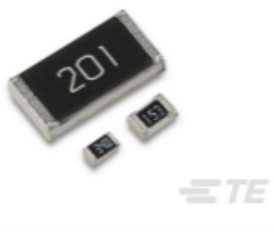
TE Part # 2176326-2
CRGP 0603 12R 1%



TE Part # 5-2176327-4
CRGP 0805 270K 1%

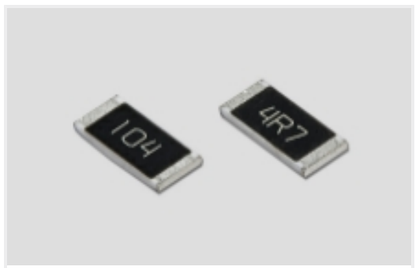


TE Part # 4-2176331-9
CRGP 2512 100K 1%



TE Part # 6-2176330-1
CRGP 2010 1M0 1%

## Also in the Series | NEOHM CRGP



Surface Mount Resistors(420)

## Customers Also Bought



TE Part #5-103908-6
07 MTE HDR SRST LATCH W/HLDWN



TE Part #9-146258-0
80 MODII HDR DRST B/A .100CL



TE Part #406732-2
MJ,10MM,8P,SHLD,NO HSG POST,SN



TE Part #6-440052-2
2.5MM,HDR,2POS,VERTICAL CONN W /O REGRIND



TE Part #6-440052-3
2.5MM,HDR,3POS,VERTICAL CONN W /O REGRIND



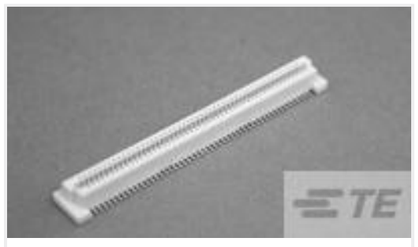
TE Part #2-1623928-9
CFR16 5% 4M7



TE Part #2176326-5
CRGP 0603 22R 1%



TE Part #4-2176326-0
CRGP 0603 18K 1%



TE Part #5177983-8
0.8FH,R05H.5,160,08/Sn,TU



TE Part #3-5177986-8
0.8FH,P08H.5,160,08/Sn,TR,SC

## Documents

### Product Drawings

CRGP 0603 3K9 1%

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176326-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176326-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176326-2_BA.3d_stp.zip

English

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

### Datasheets & Catalog Pages

CRGP Data Sheet

English