



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Number of Terminations: **2**

Package Size Code: **0603**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Voltage Rating              | 50 V                      |
| Passive Component Tolerance | 1 %                       |
| Resistance Class            | 1k $\Omega$ – 1M $\Omega$ |
| Resistance Value            | 120K $\Omega$             |
| Power Rating                | .25 W                     |

Termination Features

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

Dimensions

|                              |                   |
|------------------------------|-------------------|
| Passive Component Dimensions | 1.6 x .8 x .45 mm |
|------------------------------|-------------------|



Usage Conditions

|                         |                                   |
|-------------------------|-----------------------------------|
| Temperature Coefficient | $\pm 100$ ppm/ $^{\circ}\text{C}$ |
|-------------------------|-----------------------------------|

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 2023 (235)<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 $^{\circ}\text{C}$                                                                                 |

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

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

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

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

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

CRGP0603F120K

120K  $\Omega$ , Thick Film, General Purpose Resistor, 1 %, 2 Termination, 0603, Taped & Reeled, .25 W,  $\pm 100$  ppm/ $^{\circ}\text{C}$ , Solder, 1.6 x .8 x .45 mm, Neohm CRGP



TE Part # 4-2176331-9

CRGP 2512 100K 1%

Also in the Series | Neohm CRGP

Surface Mount Resistors(432)

Customers Also Bought

TE Part #7-215570-8

MICRO-MATCH PBC.08P

TE Part #322985

TERMINAL,PIDG SPD 12-10 6

TE Part #2291634-3

SFP+ 1X1 CAGE ASSY, PF,WITH HEATSINK

TE Part #1586515-2

04P CMNL HDR ASSY PC UL94 LF

TE Part #641737-1

04P CMNL HDR ASSY R/A PC NATL

TE Part #2267078-3

TMS1T5B2M6RE

TE Part #8-1625868-5

RP 2A 0.25W 40R2 0.1% 25PPM 1K RL

TE Part #2187461-1

SW PIR HDR BP, 100OHM, 9X6SP DEW

TE Part #4-2176326-5

CRGP 0603 47K 1%



Documents

Product Drawings

CRGP 0603 120K 1%

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-2176326-0\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-2176326-0\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-2176326-0\_BA.3d\_stp.zip

English

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

Datasheets & Catalog Pages

CRGP Data Sheet

English