

CRGP1210F27K

✓ ACTIVE

Neohm | Neohm CRGP

TE Internal #: 4-2176329-2

General Purpose Resistor, Thick Film, 1210, .75 W, 27K ohm, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 in], Neohm CRGP

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: General Purpose Resistor

Element Type: Thick Film

Package Size Code: 1210

Power Rating: .75 W

Resistance Value: 27K Ω

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                | .75 W     |
| Resistance Value            | 27K Ω     |
| Resistance Class            | 1kΩ – 1MΩ |
| Passive Component Tolerance | 1 %       |

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

CRGP1210F27K

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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%

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

Also in the Series | Neohm CRGP

Surface Mount Resistors(432)

Customers Also Bought

TE Part #4-2176329-1  
CRGP 1210 22K 1%

TE Part #5-2176329-7  
CRGP 1210 470K 1%

TE Part #5-2176370-4  
RQ 0603 1K54 0.1% 10PPM 5K RL

TE Part #3-1879134-7  
RN 0603 23K7 0.1% 10PPM 1K RL

TE Part #5-2176367-3  
RQ 0603 16K2 0.1% 10PPM 1K RL

TE Part #6-2176366-6  
RQ 0603 2K05 0.1% 10PPM 1K RL

TE Part #1-2176367-3  
RQ 0603 6K19 0.1% 10PPM 1K RL

TE Part #3-2176366-4  
RQ 0603 953R 0.1% 10PPM 1K RL

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Solder, 2 Termination, Height .55 mm [.022 in], Neohm CRGP



Documents

Product Drawings

CRGP 1210 27K 1%

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_4-2176329-2\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-2176329-2\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_4-2176329-2\_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