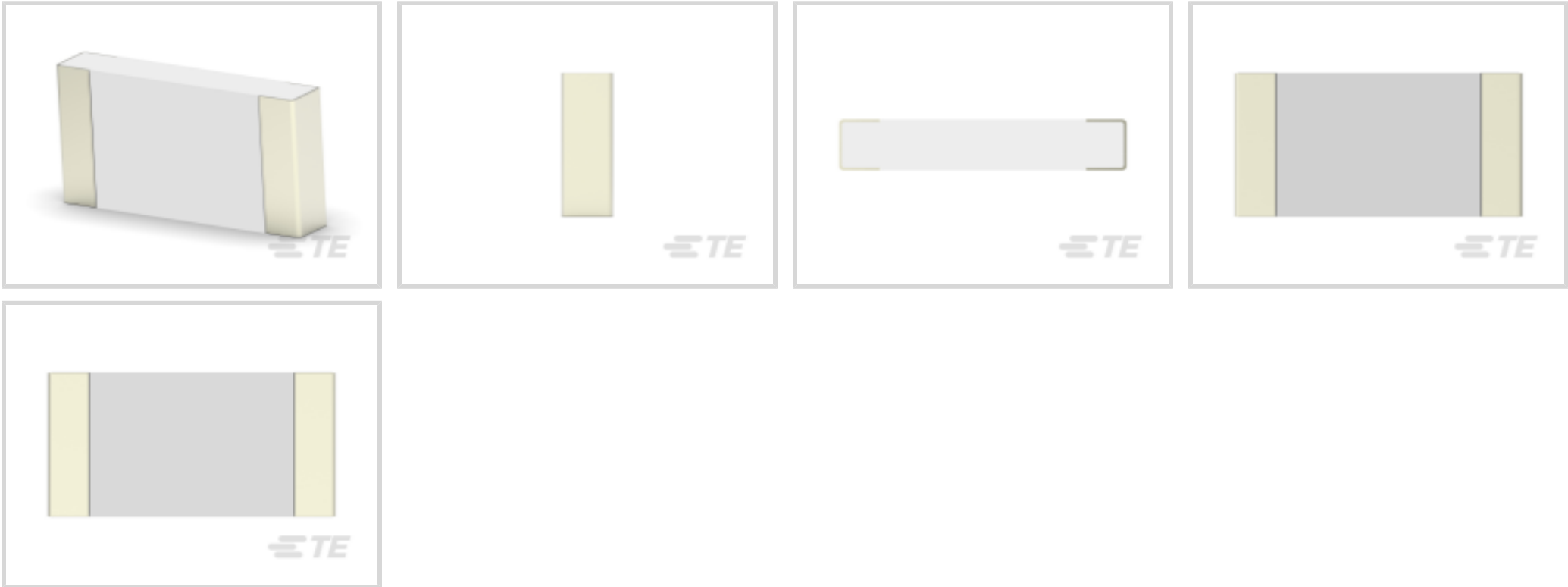




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **1206**

Power Rating: **.6 W**

Resistance Value: **10 Ω**

Features

Product Type Features

|                   |                          |
|-------------------|--------------------------|
| Resistor Type     | General Purpose Resistor |
| Element Type      | Thick Film               |
| Package Size Code | 1206                     |

Configuration Features

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

Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Operating Voltage           | 200 V     |
| Power Rating                | .6 W      |
| Resistance Value            | 10 Ω      |
| Resistance Class            | Up to 1kΩ |
| 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  | 1.55 mm[.061 in] |

Usage Conditions

|                         |             |
|-------------------------|-------------|
| Temperature Coefficient | ±400 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                     | Not reviewed for solder process capability                                                                                      |

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

CRGS1206J10R

10 ohm, Thick Film, General Purpose Resistor, 5 %, 1206, .6 W, ±400 ppm/°C, Solder, 2 Terminations, .55 mm [.022 in] Height, NEOHM CRGS



TE Part # 1-2176245-2  
CRGS1206 5% 8R2

TE Part # 1-2176245-4  
CRGS1206 5% 12R

Also in the Series | NEOHM CRGS

Surface Mount Resistors(208)

Customers Also Bought

TE Part #ZPF0000000000008625  
983-6S 16-24 PN

TE Part #222246-2  
CONTACT, PLUG, COML BNC

TE Part #2176245-8  
CRGS1206 5% 3R9

TE Part #1-2176245-2  
CRGS1206 5% 8R2

TE Part #1-2176245-4  
CRGS1206 5% 12R

TE Part #1-2176245-6  
CRGS1206 5% 18R

TE Part #2176399-6  
3502 680R 5%

TE Part #6-2176581-4  
RLC73PD 2B R255 1% 5K RL

TE Part #7-2176581-7  
RLC73PD 2B R348 1% 5K RL

TE Part #1-2176582-0  
RLC73PD 2B R75 1% 5K RL



Documents

Product Drawings

CRGS1206 5% 10R

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2176245-3\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2176245-3\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2176245-3\_BA.3d\_stp.zip

English

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

Datasheets & Catalog Pages

SMD Anti-Surge Thick Film Chip Resistor - Type CRGS Series - Tyco Electronics Passives

English