# CRGS0805J180K ✔ ACTIVE

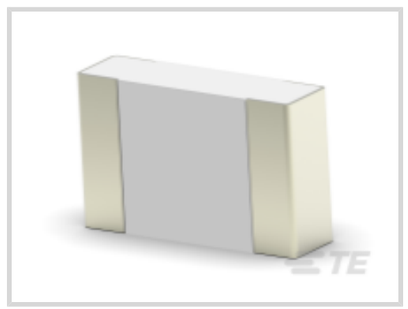
Neohm | Neohm CRGS

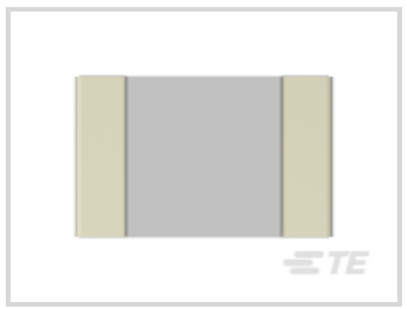
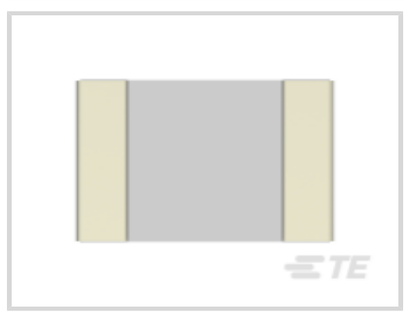
TE Internal #: 6-2176244-4

General Purpose Resistor, Thick Film, 0805, .5 W, 180K Ω, 5 %, ±100 ppm/°C, Solder, 2 Termination, Height .022 in [.55 mm], Neohm CRGS

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **0805**

Power Rating: **.5 W**

Resistance Value: **180K Ω**

## Features

### Product Type Features

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

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 150 V |
| Power Rating | .5 W |
| Resistance Value | 180K Ω |
| Resistance Class | 1kΩ - 1MΩ |
| Passive Component Tolerance | 5 % |

### Termination Features

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

## Dimensions

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|---|---|
| Product Height | .55 mm[.022 in] |
| Product Length | 2 mm[.079 in] |
| Product Width | 1.25 mm[.049 in] |

## Usage Conditions

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|---|---|
| Temperature Coefficient | ±100 ppm/°C |

## Packaging Features

| | |
|---|---|
| Packaging Method | Taped & Reeled |

## Product Compliance

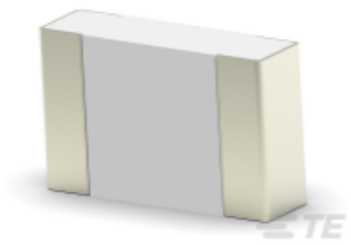
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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: JAN 2024 (240)<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 | Not reviewed for solder process capability |

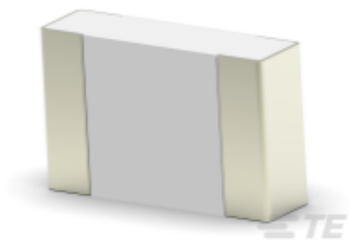
Product Compliance Disclaimer

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

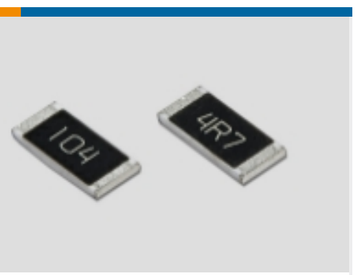


TE Part # 6-2176244-5
CRGS0805 5% 220K



TE Part # 6-2176244-3
CRGS0805 5% 150K

## Also in the Series | Neohm CRGS




Surface Mount Resistors(428)

## Customers Also Bought



TE Part # 206070-8
CABLE CLAMP KIT #17



TE Part # DT04-2P
REC, 2P, GRY, N



TE Part # DT06-2S
PLG, 2P, GRY, N



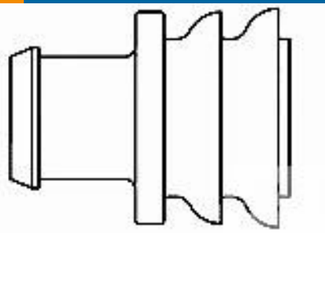
TE Part # W2S
Wedgelocks: DEUTSCH DT



TE Part # 0460-202-16141
DEUTSCH Solid Contacts



TE Part # 282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part # 281934-2
SINGLE WIRE SEAL

## Documents

### Product Drawings

CRGS0805 5% 180K

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_6-2176244-4_BA.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_6-2176244-4_BA.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_6-2176244-4_BA.3d_stp.zip

English

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

## Datasheets & Catalog Pages

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

English