

#### Neohm | Neohm CRG

TE Internal #: 1623004-1

8.2K  $\Omega$ , Thick Film, General Purpose Resistor, 1 %, 2 Termination, 0603, Taped & Reeled, .1 W,  $\pm 100$  ppm/°C, Solder, 1.6 x .8 x .45

mm, Neohm CRG

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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            | 1kΩ - 1MΩ |
| Resistance Value            | 8.2K Ω    |
| Power Rating                | .1 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 | ±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                   | Not Compliant   |
| 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) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per<br>homogenous material. Also BFR/CFR/PVC<br>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





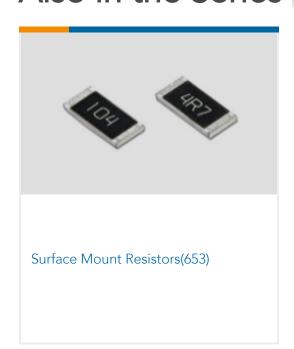








# Also in the Series | Neohm CRG



# Customers Also Bought













TE Part #D24479-001 RAPID-Y16-H19200-A

# **Documents**

Product Drawings CRG0603 1% 8K2

English

**CAD Files** 

3D PDF

3D



**Customer View Model** 

ENG\_CVM\_CVM\_1623004-1\_BA.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1623004-1\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1623004-1\_BA.3d\_stp.zip

English

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

### Datasheets & Catalog Pages

1309350\_PASSIVE\_COMPONENT

English

Thick Film Chip Resistors - Type CRG series

English

# **Product Environmental Compliance**

**Product Compliance Document** 

English

**Product Compliance Document** 

English