# CRG0603F820K ✔ ACTIVE

NEOHM | NEOHM CRG

TE Internal #: 1622999-1

820K ohm, Thick Film, General Purpose Resistor, 1 %, 0603, .1 W, ±100 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, NEOHM CRG

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors




Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **0603**

Power Rating: **.1 W**

Resistance Value: **820K Ω**

## Features

### Product Type Features

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

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 50 V |
| Power Rating | .1 W |
| Resistance Value | 820K Ω |
| Resistance Class | 1kΩ – 1MΩ |
| Passive Component Tolerance | 1 % |

### Termination Features

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

### Dimensions

| | |
|---|---|
| Product Height | .45 mm[.018 in] |
| Product Length | 1.6 mm[.063 in] |
| Product Width | .8 mm[.031 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 | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) 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 | 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



TE Part # 1623097-1
CRG0805 1% 10K



TE Part # 1-1622826-8
CRG0402 5% 1K0



TE Part # 1676480-1
CRG0402 1% 100K

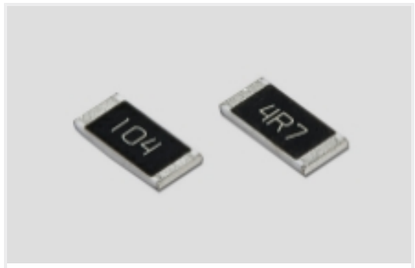


TE Part # 1622829-1
CRG0603 1% 10K



TE Part # 1623404-1
CRG1206 1% 10K

## Also in the Series | NEOHM CRG

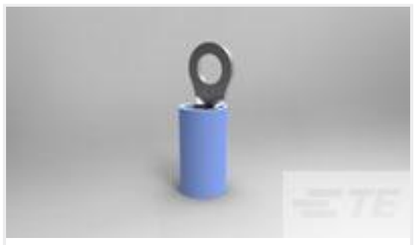



Surface Mount Resistors(615)

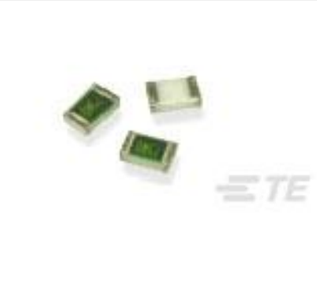
## Customers Also Bought



TE Part #800367-SF
FN282-6-06



TE Part #2-320561-2
TERMINAL,PIDG R 16-14 6



TE Part #4-1614354-4
RN 0603 69R8 0.1% 10PPM CUT LENGTH



TE Part #4-1617002-1
B07B035BC1 = B07 10 AMP RELAY



TE Part #1-1658527-5
622-5041LF FEM SOCKT,LEAD FREE



TE Part #5-1676294-2
RN 0805 2K7 0.1% 10PPM 1K RL



TE Part #1676345-2
RN 0805 45K3 0.1% 10PPM 1KRL



TE Part #2-1761603-3
IDC LOW PRO HDR 10P VERT BLUE



TE Part #2-1761605-6
IDC LOW PRO HDR 16P RA BLUE

TE Part #114114-E
ERMB22 110 FS 1 EE * 3,70 A-E V-V * * 24

## Documents

### Product Drawings

CRG0603 1% 820K

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1622999-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1622999-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1622999-1_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