# CRG0402F20K ✔ ACTIVE

NEOHM | NEOHM CRG

TE Internal #: 3-1676480-2

20K ohm, Thick Film, General Purpose Resistor, 1 %, 0402, .063 W, ±100 ppm/°C, Solder, 2 Terminations, .35 mm [.014 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: **0402**

Power Rating: **.063 W**

Resistance Value: **20K Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | General Purpose Resistor |
| Element Type | Thick Film |
| Package Size Code | 0402 |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 50 V |
| Power Rating | .063 W |
| Resistance Value | 20K Ω |
| Resistance Class | 1kΩ – 1MΩ |
| Passive Component Tolerance | 1 % |

### Termination Features

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

### Dimensions

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|---|---|
| Product Height | .35 mm[.014 in] |
| Product Length | 1 mm[.039 in] |
| Product Width | .5 mm[.02 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 | Out of Scope |
| 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

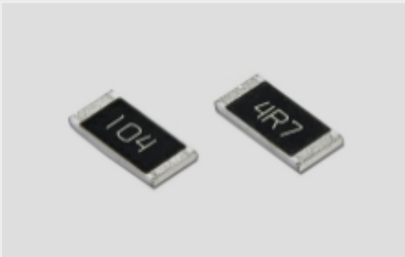
TE Part # 1-1622826-8
CRG0402 5% 1K0

TE Part # 1676480-1
CRG0402 1% 100K

TE Part # 1623404-1
CRG1206 1% 10K

TE Part # 1622829-1
CRG0603 1% 10K

## Also in the Series | NEOHM CRG



Surface Mount Resistors(615)

## Customers Also Bought

TE Part #812383-SF
FN9299-6-06

TE Part #1676158-2
RN 0805 115K 0.1% 10PPM 1KRL

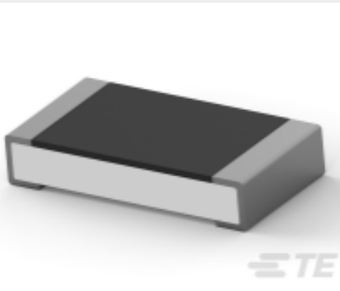
TE Part #1676480-8
CRG0402 1% 120R

TE Part #6-1676480-8
CRG0402 1% 4K3

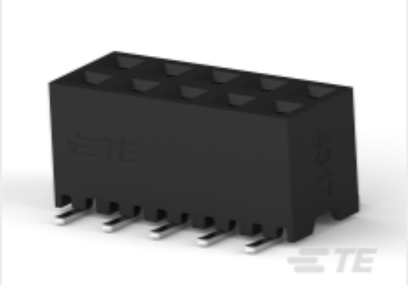
TE Part #7-1879208-5
CPF 0402 12K 0.1% 25PPM 1K RL

TE Part #1879217-9
CPF 0603 300K 0.1% 25PPM 1K RL

TE Part #3-2176349-5
CRGCQ 2512 6K8 1%



TE Part #9-2176383-7
RQ 1206 100R 0.1% 10PPM 1K RL



TE Part #1-2314844-0
10P,2MM,B-B,REC,DRVT,SMD,0.1AU, TB,W/CP

## Documents

### Product Drawings

CRG0402 1% 20K

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1676480-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1676480-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1676480-2_BA.3d_stp.zip

English

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

### Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Thick Film Chip Resistors - Type CRG series

English