Neohm | Neohm CRG
TE Internal #: 1623004-1
8.2K Ω, Thick Film, General Purpose Resistor, 1 %, 2 Termination,
0603, Taped & Reeled, .1 W, ±100 ppm/°C, Solder, Height .018 in [.
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**

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

# **Configuration Features**

Number of Resistors	1	

### **Electrical Characteristics**

Operating Voltage	50 V						
Passive Component Tolerance	1 %						
Resistance Class	$1k\Omega - 1M\Omega$						
Resistance Value	8.2ΚΩ						
Power Rating	.1 W						
Termination Features							
Number of Terminations	2						
Surface Mount Resistor Termination Type	Solder						
Dimensions							
Product Height	.45 mm[.018 in]						
Product Length	1.6 mm[.063 in]						
Product Width	.8 mm[.031 in]						

**C** For support call+1 800 522 6752

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### **Usage Conditions**

Temperature Coefficient

### Packaging Features

Packaging Method

## **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 homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

±100 ppm/°C

Taped & Reeled

#### 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**

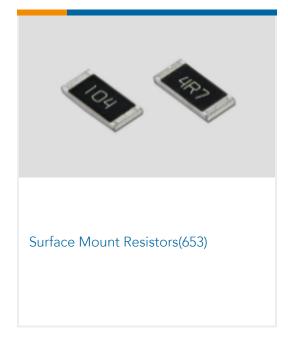


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# Also in the Series | Neohm CRG



# Customers Also Bought



TE Part #1622960-1	TE Part #1622853-1	TE Part #1622877-1
CRG0603 1% 4K7	CRG0603 1% 15K	CRG0603 1% 1M0

## 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

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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