



Neohm | Neohm CRG

TE Internal #: 1-1622956-0

49.9 Ω, Thick Film, General Purpose Resistor, 1 %, 2 Termination, 0603, Taped & Reeled, .1 W, ±200 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
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### Electrical Characteristics

Voltage Rating	50 V
Passive Component Tolerance	1 %
Resistance Class	Up to 1kΩ
Resistance Value	49.9 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
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### Usage Conditions



Temperature Coefficient	$\pm 200$ ppm/ $^{\circ}\text{C}$
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### Packaging Features

Packaging Method	Taped & Reeled
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JAN 2023 (233)</p> <p>Candidate List Declared Against: JAN 2023 (233)</p> <p>SVHC &gt; Threshold:</p> <p>Pb (2.71% in Component)</p> <p><b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260 $^{\circ}\text{C}$
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#### 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>

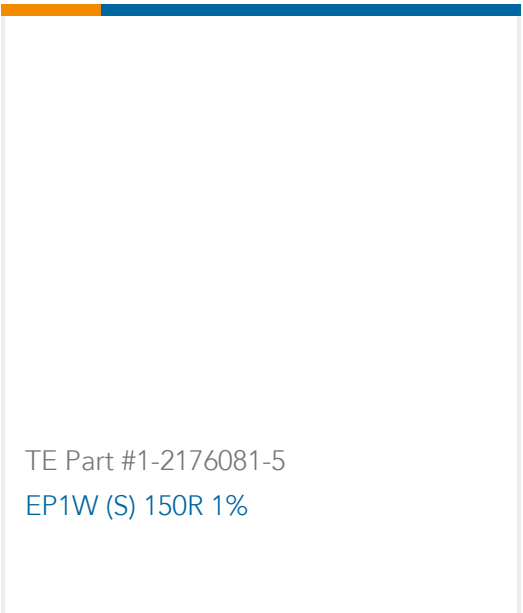
### Compatible Parts



Also in the Series | Neohm CRG



Customers Also Bought





## Documents

### Product Drawings

[CRG0603 1% 49R9](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1622956-0\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1622956-0\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1622956-0\\_BA.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[Thick Film Chip Resistors - Type CRG series](#)

English