



NEOHM | NEOHM CRG

TE Internal #: 1623225-8

49.9K ohm, Thick Film, General Purpose Resistor, 1 %, 0805, .125 W, ±100 ppm/°C, Solder, 2 Terminations, .55 mm [.022 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: **0805**

Power Rating: **.125 W**

Resistance Value: **49.9K Ω**

**Features**

**Product Type Features**

Resistor Type	General Purpose Resistor
Element Type	Thick Film
Package Size Code	0805

**Configuration Features**

Number of Resistors	1
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**Electrical Characteristics**

Operating Voltage	150 V
Power Rating	.125 W
Resistance Value	49.9K Ω
Resistance Class	1kΩ – 1MΩ
Passive Component Tolerance	1 %

**Termination Features**

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

**Dimensions**

Product Height	.55 mm[.022 in]
Product Length	2 mm[.079 in]
Product Width	1.25 mm[.049 in]

### Usage Conditions

Temperature Coefficient	±100 ppm/°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
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (24.7% in 4994140) <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.
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 #1-830611-0  
LGH 1/2 SNGL MLD END



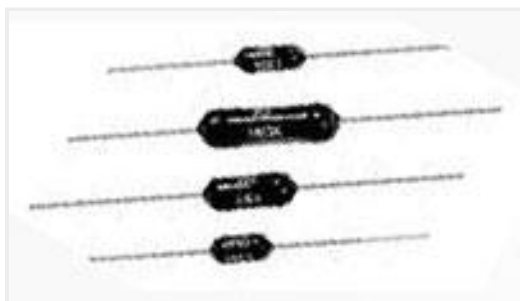
TE Part #9-1625971-5  
HSA25 R01 10%



TE Part #1-1879353-9  
RR02 5% 24K AMMO



TE Part #7-1879354-5  
RR03 5% 390R AMMO



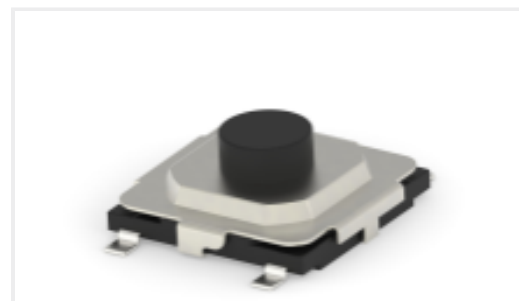
TE Part #7-1879648-1  
H4P 287R 0.5% 100PPM



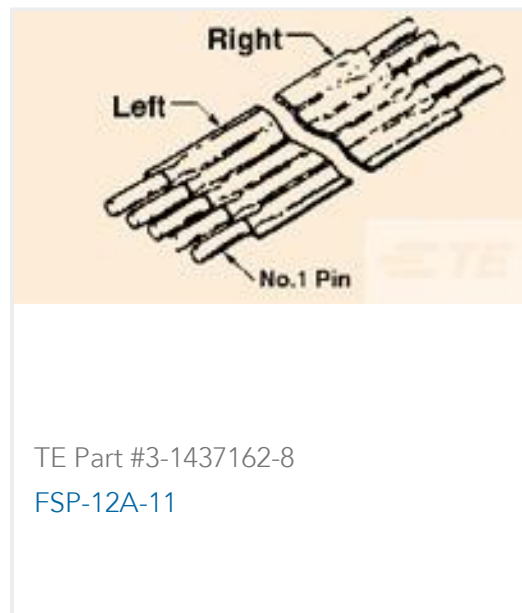
TE Part #7-2176305-3  
RP 1E 0.1W 604R 0.1% 25PPM 5K RL



TE Part #3-2176307-2  
RP 1E 0.1W 26K1 0.1% 25PPM 5K RL



TE Part #2337238-3  
TACT MINI GW 5.2X5.2X2 160GF



## Documents

### Product Drawings

[CRG0805 1% 49K9](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1623225-8\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1623225-8\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1623225-8\\_BA.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

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

English