



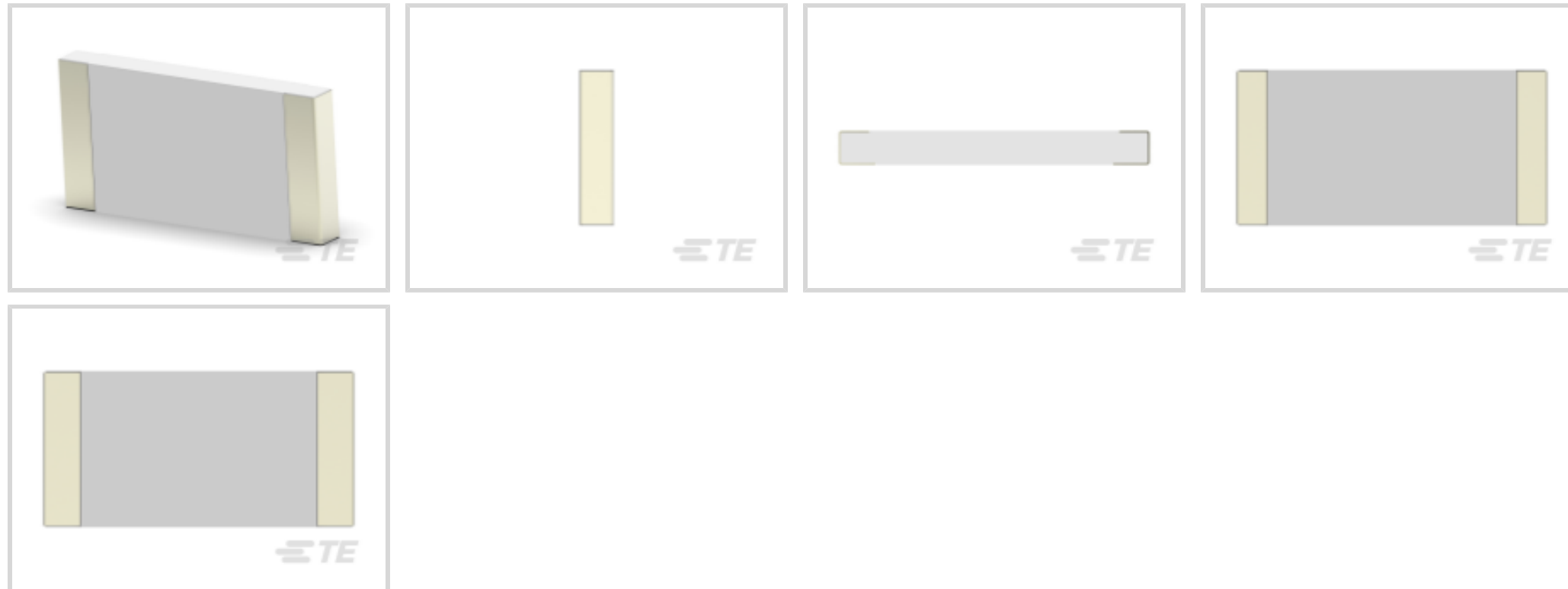
NEOHM | NEOHM CRGS

TE Internal #: 4-2176251-2

2.7K ohm, Thick Film, General Purpose Resistor, 5 %, 2010, .75 W, ±100 ppm/°C, Solder, 2 Terminations, .55 mm [.022 in] Height, NEOHM CRGS

[View on TE.com >](#)

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **2010**

Power Rating: **.75 W**

Resistance Value: **2.7K Ω**

**Features**

**Product Type Features**

Resistor Type	General Purpose Resistor
Element Type	Thick Film
Package Size Code	2010

**Configuration Features**

Number of Resistors	1
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**Electrical Characteristics**

Operating Voltage	200 V
Power Rating	.75 W
Resistance Value	2.7K Ω
Resistance Class	1kΩ – 1MΩ
Passive Component Tolerance	5 %

**Termination Features**

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

### Dimensions

Product Height	.55 mm [.022 in]
Product Length	5 mm [.197 in]
Product Width	2.5 mm [.098 in]

### Usage Conditions

Temperature Coefficient	$\pm 100$ ppm/ $^{\circ}$ C
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### Packaging Features

Packaging Method	Taped & Reeled
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### Product Compliance

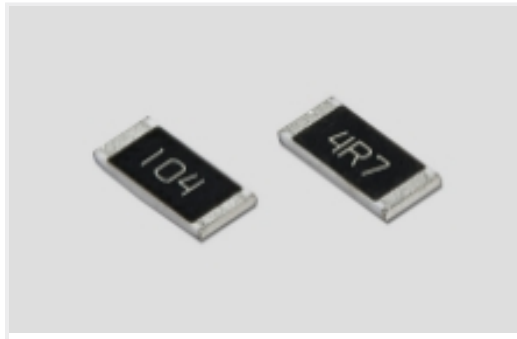
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 $^{\circ}$ C

#### Product Compliance Disclaimer

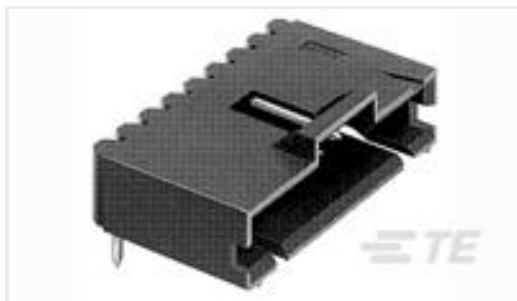
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Also in the Series | [NEOHM CRGS](#)

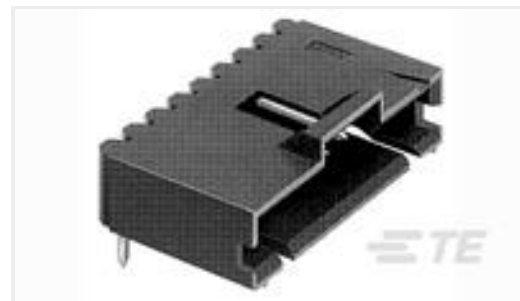


Surface Mount Resistors(208)

## Customers Also Bought



TE Part #5-103635-2  
03 MTE HDR SRRA LTCH.100CL LF



TE Part #5-103635-5  
06 MTE HDR SRRA LTCH.100CL LF



TE Part #770351-1  
04P UMNL PIN HDR ASSY W/O DRNS



TE Part #825440-7  
MOD 2 PINHDR 2X07P.



TE Part #1-1415899-3  
RZ03-1A4-D005



TE Part #2-1879138-9  
RN 0603 3K16 0.1% 10PPM 5K RL



TE Part #1969694-5  
PTL 1X5 PCB HEADER R/A STDTEMP KEY A NAT



TE Part #2-2176070-7  
3521 120R 1% 2W



TE Part #2-2176230-5  
3522 82R 5% 3W



TE Part #5-2176231-3  
3522 1K5 1% 3W

## Documents

### Product Drawings

[CRGS2010 5% 2K7](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_4-2176251-2\\_BA.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2176251-2\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-2176251-2\\_BA.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[SMD Anti-Surge Thick Film Chip Resistor - Type CRGS Series - Tyco Electronics Passives](#)

English