



**THE DATASHEET OF  
CRGH1206F100K**



# CRGH1206F100K ✓ ACTIVE

Neohm | Neohm CRGH

TE Internal #: 8-1879516-8

Power Resistor, Thick Film, 1206, .5 W, 100K ohm, 1 %,  $\pm 100$  ppm/ $^{\circ}$ C, Solder, 2 Termination, Height .55 mm [.022 in], Neohm CRGH

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**

Element Type: **Thick Film**

Package Size Code: **1206**

Power Rating: **.5 W**

Resistance Value: **100K  $\Omega$**

## Features

### Product Type Features

Resistor Type	Power Resistor
Element Type	Thick Film
Package Size Code	1206

### Electrical Characteristics

Power Rating	.5 W
Resistance Value	100K $\Omega$
Resistance Class	1k $\Omega$ – 1M $\Omega$
Passive Component Tolerance	1 %
Operating Voltage	200 V

### Usage Conditions

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

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

### Dimensions

Product Height	.55 mm [.022 in]
Product Length	3.1 mm [.122 in]
Product Width	1.55 mm [.061 in]



**Configuration Features**

Number of Resistors	1
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**Packaging Features**

Packaging Method	Taped & Reeled
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**Other**

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

**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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

**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 CRGH**



Customers Also Bought





## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1879516-8\\_BA.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1879516-8\\_BA.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_8-1879516-8\\_BA.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

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

English

[High Power Thick Film Chip Resistors](#)

English

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[TE Connectivity Information](#)

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