

Neohm | Neohm CRGH

TE Internal #: 1-2176177-7

3.3K Ω , Thick Film, Power Resistor, 1 %, 2 Termination, 0603, Taped & Reeled, .2 W, ± 100 ppm/ $^{\circ}$ C, Solder, 1.6 x .8 x .45 mm, Neohm
CRGH

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Passive Components > Resistors > Surface Mount Resistors

Resistor Type: **Power 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	Power 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	1k Ω – 1M Ω
Resistance Value	3.3K Ω
Power Rating	.2 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

±100 ppm/°C

Packaging Features

Packaging Method

Taped & Reeled

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 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

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 # 9-1879510-1
CRGH0805 1% 10K 0.33W



TE Part # 1-1879502-0
CRGH2512 5% 33K 2W



TE Part # 1879513-1
CRGH1206 1% 10R 0.5W



TE Part # 6-1879501-0
CRGH2512 5% 300R 2W

CRGH0603F3K3

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TE Part # 3-1879523-9
CRGH2512 1% 24R9 2W

Also in the Series | Neohm CRGH



Surface Mount Resistors(3656)

Customers Also Bought



TE Part #1-215079-2
MICRO-MATCH FOB.12P



TE Part #1470364-7
1.0MM WT B RECPT,7POS HOUSING



TE Part #5-1676481-1
CPF 0603 680R 0.1% 25PPM 1K RL



TE Part #292304-1
STD USB TYPE B, R/A, T/H



TE Part #2-2176327-1
CRGP 0805 470R 1%



TE Part #382811-2
SHUNT, ECON, PHBR15 AU, BLUE



TE Part #1-2176365-0
RQ 0603 49R9 0.1% 10PPM 1K RL

Documents

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1-2176177-7_BA.2d_dxf.zip](#)

English

CRGH0603F3K3

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Customer View Model

[ENG_CVM_CVM_1-2176177-7_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176177-7_BA.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[High Power Thick Film Chip Resistors](#)

English