

CRGP2512F100K

✓ ACTIVE

Neohm | Neohm CRGP

TE Internal #: 4-2176331-9

100K Ω , Thick Film, General Purpose Resistor, 1 %, 2 Termination, 2512, Taped & Reeled, 2 W, ± 100 ppm/ $^{\circ}\text{C}$, Solder, 6.35 x 3.2 x .55 mm, Neohm CRGP

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **General Purpose Resistor**

Number of Terminations: **2**

Package Size Code: **2512**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	General Purpose Resistor
Package Size Code	2512
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	500 V
Passive Component Tolerance	1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	100K Ω
Power Rating	2 W

Termination Features

Number of Terminations	2
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Surface Mount Resistor Termination Type	Solder
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Dimensions

Passive Component Dimensions	6.35 x 3.2 x .55 mm
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Usage Conditions

Temperature Coefficient	± 100 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
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 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 $^{\circ}\text{C}$

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

CRGP2512F100K

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 TE Part # 4-2176325-9 CRGP 0402 100K 1%	 TE Part # 1-2176325-3 CRGP 0402 100R 1%	 TE Part # 3-2176325-7 CRGP 0402 10K 1%	 TE Part # 5-2176325-0 CRGP 0402 120K 1%
 TE Part # 1-2176325-4 CRGP 0402 120R 1%	 TE Part # 3-2176325-8 CRGP 0402 12K 1%	 TE Part # 2176325-2 CRGP 0402 12R 1%	 TE Part # 5-2176325-1 CRGP 0402 150K 1%
 TE Part # 1-2176325-5 CRGP 0402 150R 1%	 TE Part # 3-2176325-9 CRGP 0402 15K 1%	 TE Part # 2176325-3 CRGP 0402 15R 1%	 TE Part # 5-2176325-2 CRGP 0402 180K 1%
 TE Part # 1-2176325-6 CRGP 0402 180R 1%	 TE Part # 4-2176325-0 CRGP 0402 18K 1%	 TE Part # 2176325-4 CRGP 0402 18R 1%	 TE Part # 2-2176325-5 CRGP 0402 1K0 1%
 TE Part # 2-2176325-6 CRGP 0402 1K2 1%	 TE Part # 2-2176325-7 CRGP 0402 1K5 1%	 TE Part # 2-2176325-8 CRGP 0402 1K8 1%	 TE Part # 6-2176325-1 CRGP 0402 1M0 1%

Also in the Series | [Neohm CRGP](#)

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Surface Mount Resistors(432)

Customers Also Bought

Documents

Product Drawings
CRGP 2512 100K 1%

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_4-2176331-9_BA.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_4-2176331-9_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2176331-9_BA.3d_stp.zip](#)

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Datasheets & Catalog Pages

[CRGP Data Sheet](#)

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