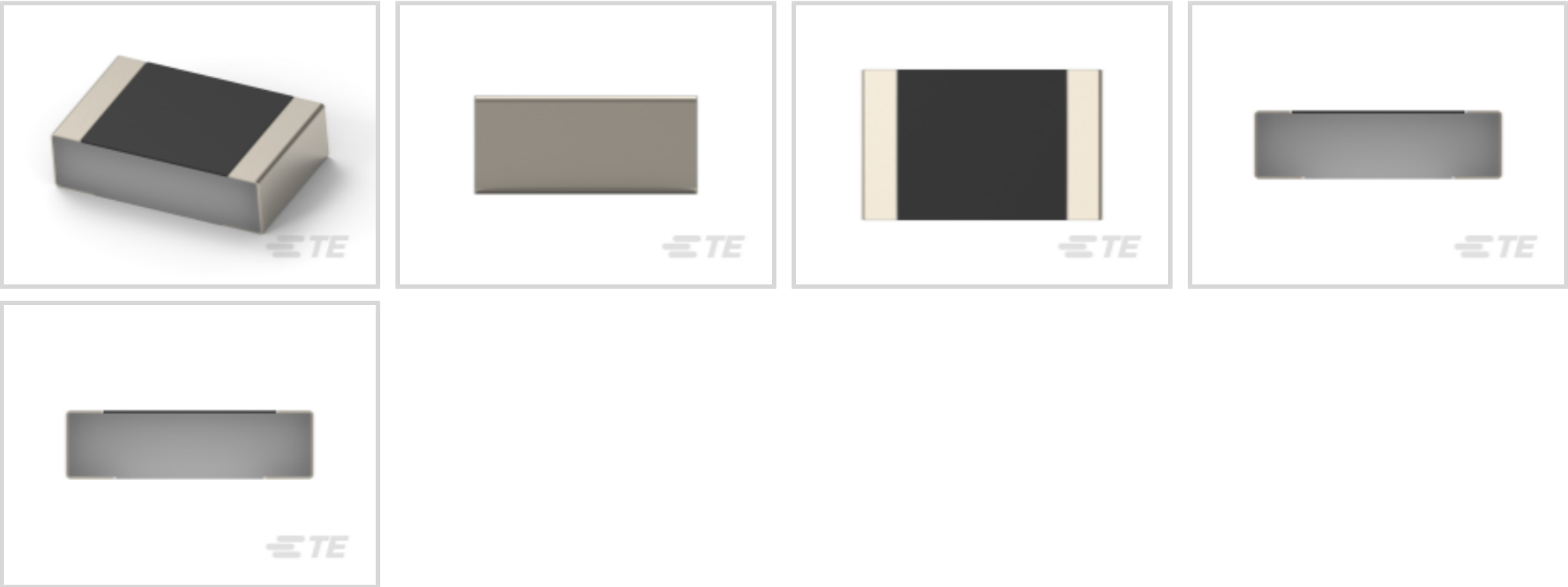




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**
Number of Terminations: **2**
Package Size Code: **0201**
Packaging Method: **Taped & Reeled**
Passive Component Tolerance: **.5 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Package Size Code	0201
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	15 V
Passive Component Tolerance	.5 %
Resistance Class	Up to 1k Ω
Resistance Value	100 Ω
Power Rating	.0313 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	.58 x .29 x .23 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 $^{\circ}$ C
Temperature Coefficient	± 25 ppm/ $^{\circ}$ C

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
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No 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 $^{\circ}$ 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 # 1-2176072-2
[CPF 0201 64R9 0.5% 25PPM 1K RL](#)

TE Part # 1-2176073-8
[CPF 0201 806R 0.5% 25PPM 1K RL](#)

TE Part # 2-2176072-8
[CPF 0201 95R3 0.5% 25PPM 1K RL](#)

Also in the Series | **Neohm CPF**

[Surface Mount Resistors\(6124\)](#)

Customers Also Bought

TE Part #1622461-1
[LR1 1% 3K3](#)

TE Part #4-1879023-8
[3650 1008 10uH 5% 2K RL](#)

TE Part #7-2176074-4
[CPF 0201 33K2 0.5% 50PPM 1K RL](#)

TE Part #2-2176326-5
[CRGP 0603 1K0 1%](#)

TE Part #4-1879338-6
[CPF 0603 78K7 1% 50PPM 1K RL](#)

TE Part #5-1879337-7
[CPF 0603 9K53 1% 50PPM 1K RL](#)

TE Part #2-2176452-7
[CPF 0201 1K0 0.1% 25ppm 1K RL](#)

TE Part #2176451-1
[CPF 0201 49R9 0.1% 25ppm 1K RL](#)

Documents

Product Drawings

[CPF 0201 100R 0.5% 25PPM 1K RL](#)

English

CAD Files

[3D PDF](#)

3D



Customer View Model

[ENG_CVM_CVM_3-2176072-0_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2176072-0_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2176072-0_BA.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[CPF-1016](#)

English