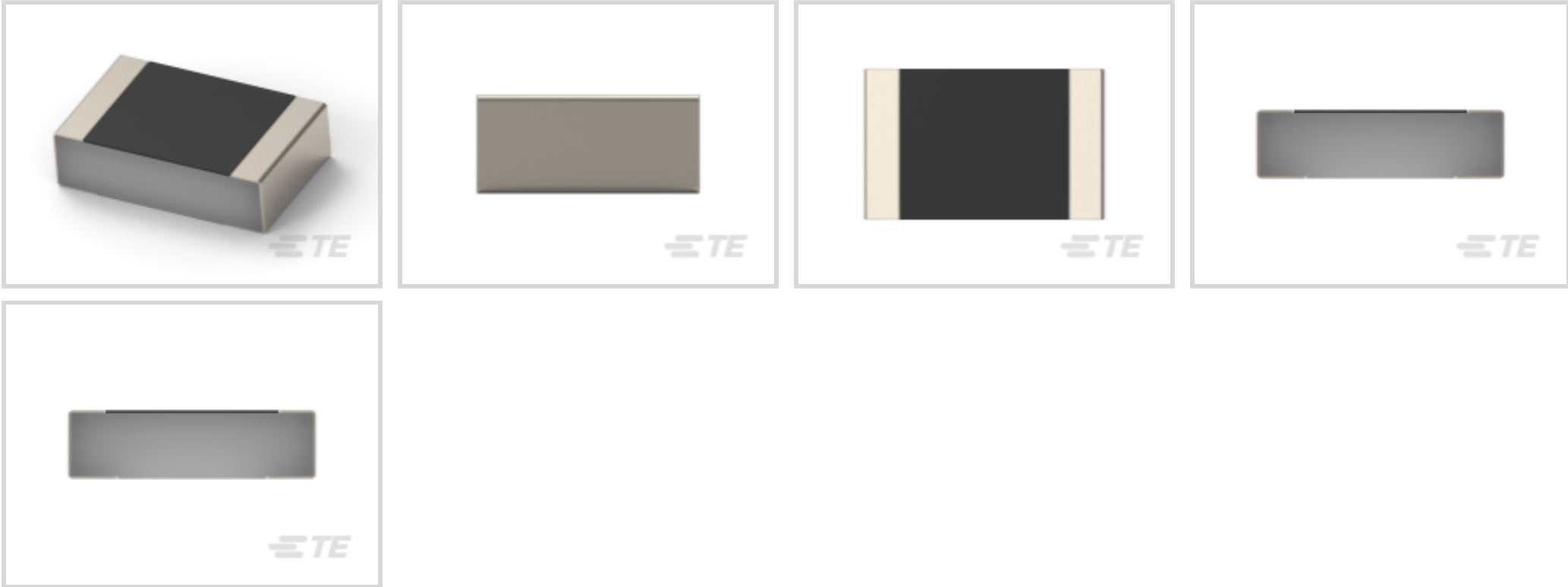




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0201**

Power Rating: **.0313 W**

Resistance Value: **100 Ω**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	15 V
Power Rating	.0313 W
Resistance Value	100 Ω
Resistance Class	Up to 1k Ω
Passive Component Tolerance	.5 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2



Dimensions

Product Height	.23 mm[.009 in]
Product Length	.58 mm[.023 in]
Product Width	.29 mm[.011 in]

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: JAN 2024 (240) 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 # 4-1879071-6
THS50 390R 5%

TE Part # 1623788-4
SQM5 12R 5% (WIRE)

TE Part # 6-520315-1
TRIOMATE ASSY V 11PL=3.556LDFR

TE Part # 5-2176094-2
RP 2A 0.25W 412K 0.1% 25PPM 1K RL

TE Part # 1-2176380-0
RQ 0805 1K43 0.1% 10PPM 5K RL

TE Part # 1-215307-8
2X18P HV100 REC CON. TE, 7.0MM

TE Part # 5-2176452-6
CPF 0201 2K0 0.1% 25ppm 1K RL

TE Part # 6-2176072-8
CPF 0201 249R 0.5% 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