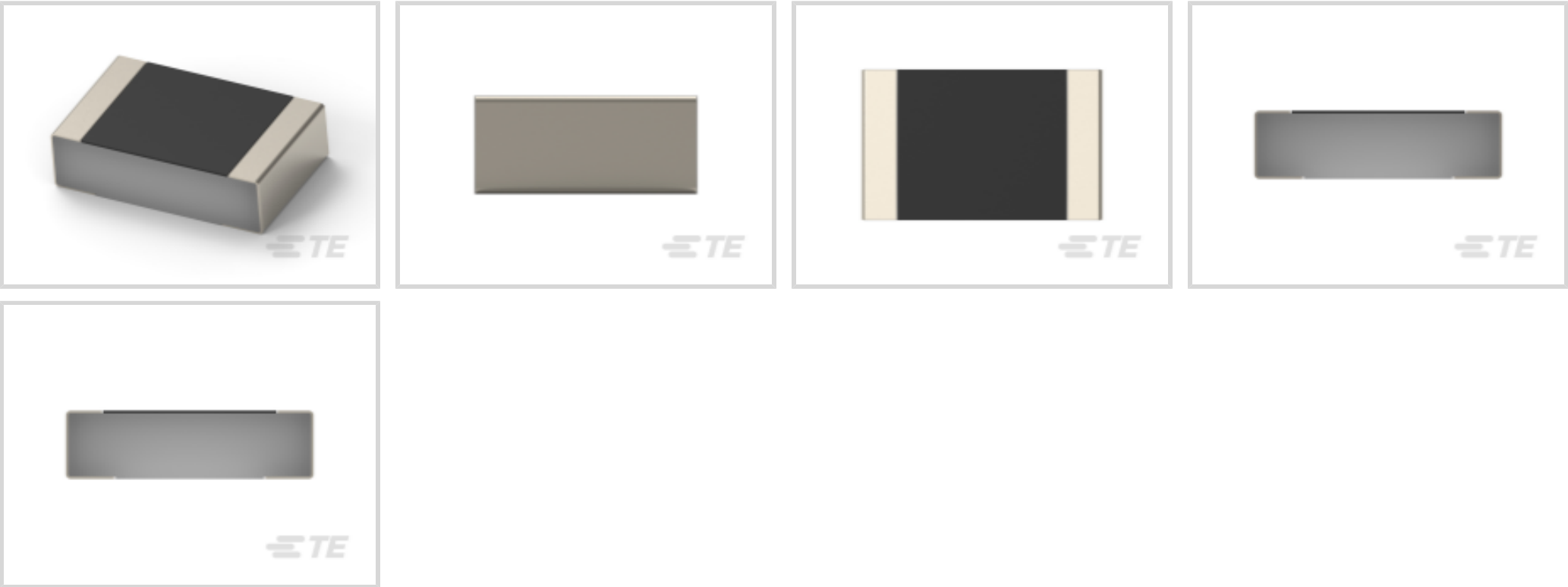




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0201**

Power Rating: **.0313 W**

Resistance Value: **10K 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	10K Ω
Resistance Class	1k Ω – 1M 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

Temperature Coefficient	±50 ppm/°C
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Industry Standards

Moisture Sensitivity Level	1
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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
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 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

TE Part # 7-2176074-4 CPF 0201 33K2 0.5% 50PPM 1K RL	TE Part # 4-2176074-1 CPF 0201 15K 0.5% 50PPM 1K RL	TE Part # 5-2176074-3 CPF 0201 20K 0.5% 50PPM 1K RL	TE Part # 9-2176073-9 CPF 0201 5K62 0.5% 50PPM 1K RL
TE Part # 1-2176074-6 CPF 0201 8K25 0.5% 50PPM 1K RL	TE Part # 7-2176074-5 CPF 0201 10K2 0.1% 50PPM 10K RL	TE Part # 2-2176074-5 CPF 0201 10K2 0.5% 50PPM 1K RL	TE Part # 2-2176074-6 CPF 0201 10K5 0.5% 50PPM 1K RL
TE Part # 2-2176074-7 CPF 0201 10K7 0.5% 50PPM 1K RL	TE Part # 2-2176074-9 CPF 0201 11K3 0.5% 50PPM 1K RL	TE Part # 3-2176074-0 CPF 0201 11K5 0.5% 50PPM 1K RL	TE Part # 3-2176074-1 CPF 0201 11K8 0.5% 50PPM 1K RL
TE Part # 2-2176074-8 CPF 0201 11K 0.5% 50PPM 1K RL	TE Part # 3-2176074-2 CPF 0201 12K1 0.5% 50PPM 1K RL	TE Part # 3-2176074-3 CPF 0201 12K4 0.5% 50PPM 1K RL	TE Part # 3-2176074-4 CPF 0201 12K7 0.5% 50PPM 1K RL
TE Part # 3-2176074-6 CPF 0201 13K3 0.5% 50PPM 1K RL	TE Part # 3-2176074-7 CPF 0201 13K7 0.5% 50PPM 1K RL	TE Part # 3-2176074-5 CPF 0201 13K 0.5% 50PPM 1K RL	TE Part # 3-2176074-9 CPF 0201 14K3 0.5% 50PPM 1K RL

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



Customers Also Bought

TE Part #1-2007492-5
SFP+assy 2x1 EMI Springs 4LP Sn Enhanced

TE Part #1-776163-4
35POS,AMPSEAL,PIN HSG ASSY,SLD, COD 4

TE Part #1-1623788-3
SQM5 33R 5% (WIRE)

TE Part #2-5767004-2
MICTOR RECEPT ASSY, 38 POS.

TE Part #1-2176308-8
RP 1E 0.1W 200K 0.1% 25PPM 5K RL

TE Part #244836-E
SMCQ 12 M AB VV 8-13 CL * H007 137 E005

TE Part #244839-E
SMCQ 68 M AB VV 8-13 CL * H007 137 E005

TE Part #254262-E
SMCQ 12 F AB VV 7-03 CL * 0007 137 E002

TE Part #364915-E
STVC 96 M ABC VVV 4-00 0606 * * 247 E007

TE Part #L9000082-01
Antenna Dipole 2.4GHz Tilt Swivel SMA

Documents

Product Drawings
CPF 0201 10K 0.5% 50PPM 1K RL
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-2176074-4_BA.2d_dxf.zip

CPF0201D10KC1

Precision Resistor, Thin Film, 0201, .0313 W, 10K ohm, .5 %, ±50 ppm/°C, Solder, 2 Termination, Height .23 mm [.009 in], Neohm CPF



English

Customer View Model

[ENG_CVM_CVM_2-2176074-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2176074-4_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