



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**
Number of Terminations: **2**
Package Size Code: **0805**
Packaging Method: **Taped & Reeled**
Passive Component Tolerance: **.1 %**

Features

Product Type Features

Resistor Type	Precision Resistor
Package Size Code	0805
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	100 V
Passive Component Tolerance	.1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	20K Ω
Power Rating	.1 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Product Height	.55 mm[.022 in]
Product Length	2 mm[.079 in]
Product Width	1.25 mm[.049 in]



Usage Conditions

Temperature Coefficient	± 25 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
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	Not Low Halogen - contains Br or Cl > 900 ppm.
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

 TE Part # 3-1879216-5 CPF0402 200K 0.1% 25PPM 1K RL	 TE Part # 1-1879417-9 CPF 0603 1M0 0.1% 25PPM 1K RL	 TE Part # 1879417-8 CPF0603 1M0 0.1% 25PPM 5K RL	 TE Part # 1-1614959-4 CPF0805 2M0 0.1% 25PPM 1K RL
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CPF0805B20KE1

20K Ω , Thin Film, Precision Resistor, .1 %, 2 Termination, 0805, Taped & Reeled, .1 W, ± 25 ppm/ $^{\circ}\text{C}$, Solder, Height .022 in [.55 mm], Neohm CPF



TE Part # 9-1879216-1

[CPF 0402 158K 0.1% 25PPM 5K RL](#)

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

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

Customers Also Bought

TE Part #118345-000

[DK-621-0412-P](#)

TE Part #5787446-1

[HDR ASY,VERT,NO KEY,RET TAIL](#)

TE Part #5-1614884-4

[CPF 0805 390R 0.1% 25PPM 1K RL](#)

TE Part #6-1625868-9

[RP 2A 0.25W 27R4 0.1% 25PPM 1K RL](#)

TE Part #8-1623746-9

[ER74 R47 10% AMMO PK](#)

TE Part #1676251-2

[RN 0805 210R 0.1% 10PPM 1KRL](#)

TE Part #7-1625892-1

[3W SM M/OX 5% 820R](#)

TE Part #5-2176092-1

[RP 2A 0.25W 2K49 0.1% 25PPM 1K RL](#)

TE Part #4-2176339-2

[CRGCO 0603 27K 1%](#)

TE Part #806235-000

[202C632-50-0](#)



Documents

Product Drawings

CPF 0805 20K 0.1% 25PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1614884-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1614884-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1614884-0_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

CPF-1016

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English