



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.063 W**

Resistance Value: **536 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0402

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Power Rating	.063 W
Resistance Value	536 Ω
Resistance Class	Up to 1k Ω
Passive Component Tolerance	.1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.3 mm[.012 in]
Product Length	1 mm[.039 in]
Product Width	.5 mm[.02 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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

 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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TE Part # 1-1879210-2
CPF 0402 178R 0.1% 25PPM 5K RL

TE Part # 1-1879210-3
CPF 0402 182R 0.1% 25PPM 5K RL

TE Part # 2-1879210-2
CPF 0402 232R 0.1% 25PPM 5K RL

TE Part # 2-1879210-3
CPF 0402 237R 0.1% 25PPM 5K RL

TE Part # 5-1879210-2
CPF 0402 475R 0.1% 25PPM 5K RL

TE Part # 5-1879210-4
CPF 0402 499R 0.1% 25PPM 5K RL

TE Part # 5-1879210-5
CPF 0402 511R 0.1% 25PPM 5K RL

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 # 5-2176455-6
CPF 0402 412K 0.1% 25ppm 1K RL

Documents

- [CAD Files](#)
- [3D PDF](#)
- [3D](#)
- [Customer View Model](#)
- [ENG_CVM_CVM_5-1879210-7_BA.2d_dxf.zip](#)
- [English](#)

CPF0402B536RE

Precision Resistor, Thin Film, 0402, .063 W, 536 Ω , .1 %, ± 25 ppm/ $^{\circ}$ C, Solder, 2 Termination, Height .012 in [.3 mm], Length .039 in [1 mm], Neohm CPF



Customer View Model

[ENG_CVM_CVM_5-1879210-7_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1879210-7_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