



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**
Number of Terminations: **2**
Size Code: **0402**
Packaging Method: **Taped & Reeled**
Tolerance: **.1%**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Size Code	0402
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	25 V
Tolerance	.1%
Resistance Range	Up to 1kΩ Ω
Resistance	91 Ω
Power Rating	.063 W

Termination Features

Number of Terminations	2
Termination Type	Solder

Mechanical Attachment

Mount Style	Surface Mount
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Dimensions



Dimensions	1 x .5 x .3 mm
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Usage Conditions

Temperature Coefficient	±25 ppm/°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 2020 (205) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 3-1879216-5
CPF0402 200K 0.1% 25PPM 1K RL

TE Model / Part # 1-1879417-9
CPF 0603 1M0 0.1% 25PPM 1K RL

TE Model / Part # 1879417-8
CPF0603 1M0 0.1% 25PPM 5K RL

TE Model / Part # 1-1614959-4
CPF0805 2M0 0.1% 25PPM 1K RL

TE Model / Part # 9-1879216-1
CPF 0402 158K 0.1% 25PPM 5K RL

Also in the Series | Neohm CPF

Surface Mount Resistors(3022)

Customers Also Bought

TE Model / Part #2308107-3
DDR4 DIMM 288 PIN TH TYPE

TE Model / Part #8-321235-1
RECEPT, FASTON SPLICE 22-10

TE Model / Part #5212046-1
7 CIRC DIN RCPT GRND SHLD

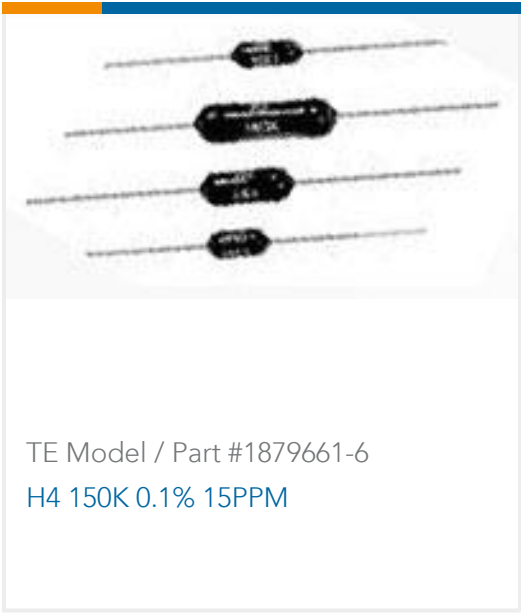
TE Model / Part #3-1879213-2
CPF 0402 54R9 0.1% 25PPM 1K RL

TE Model / Part #4-1879213-5
CPF 0402 76R8 0.1% 25PPM 1K RL

TE Model / Part #1623937-3
SC10-10-0525-10 10UH AMMO 1000

TE Model / Part #1461250-2
OZ-SH-124L,294

TE Model / Part #9-1879160-3
RN 0805 9R53 0.1% 10PPM 1K RL



Documents

Product Drawings

CPF 0402 91R 0.1% 25PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1879208-4_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1879208-4_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1879208-4_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

CPF-1016

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English