



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**
Number of Terminations: **2**
Size Code: **0603**
Packaging Method: **Taped & Reeled**
Tolerance: **.1%**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Size Code	0603
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	50 V
Tolerance	.1%
Resistance Range	1kΩ – 1MΩ Ω
Resistance	10K 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	1.55 x .8 x .45 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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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

CPF0603B10KE1

Neohm CPF, Surface Mount Resistors, Precision Resistor, 2 Termination, 0603 Size
Code, Taped & Reeled, .1% Tolerance, Thin Film



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

TE Model / Part # 1-1614959-4
CPF0805 2M0 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 # 9-1879216-1
CPF 0402 158K 0.1% 25PPM 5K RL

TE Model / Part # 6-1614881-4
CPF 0603 160R 0.1% 25PPM 5K RL

Also in the Series | Neohm CPF

Surface Mount Resistors(3022)

Customers Also Bought

TE Model / Part #1-1337481-0
SMB R/A PCB Skt 50Ohm Gold Plt

TE Model / Part #1-1337482-0
SMB Str PCB Skt 50Ohm Gold Plt

TE Model / Part #1614881-3
CPF 0603 100R 0.1% 25PPM 1K RL

TE Model / Part #1614882-3
CPF0603 E 0.1% 1K0 1K RL

TE Model / Part #1-1614881-2
CPF0603 100K 0.1% 25PPM 1K RL

TE Model / Part #826629-2
2P AMPMODU II

TE Model / Part #2-1624117-0
BMB-L 0805 1K

TE Model / Part #1571983-4
GDH04S04=DIP SWITCH



Documents

Product Drawings

CPF0603 10K 0.1% 25PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1614881-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1614881-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1614881-2_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

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English

CPF-1016

English

Product Environmental Compliance

MD_1614881-2_0923201659_dmtec

English

MD_1614881-2_0923201659_dmtec

English