



Neohm | Neohm CPF

TE Internal #: 1-1614881-2

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

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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	1k Ω – 1M Ω
Resistance	100K 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




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 #825433-2
MOD 2 PINHDR 1X2 P.



TE Model / Part #1614881-2
CPF0603 10K 0.1% 25PPM 1K RL



TE Model / Part #142270-3
CONNECTOR SHUNT 2 P



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



Documents

Product Drawings

[CPF0603 100K 0.1% 25PPM 1K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1614881-2_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1614881-2_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1614881-2_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_1-1614881-2_112120162347_dmtec](#)

English

[MD_1-1614881-2_112120162347_dmtec](#)

English