



Neohm | Neohm CPF

TE Internal #: 4-1614884-6

Neohm CPF, Surface Mount Resistors, Precision Resistor, 2 Terminations, Size Code 0805, Taped & Reeled, .1%, Thin Film, Resistance Range Up to 1kΩ Ω

[View on TE.com >](#)

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Size Code: **0805**

Packaging Method: **Taped & Reeled**

Tolerance: **.1%**

Features

Product Type Features

| | |
|---------------|--------------------|
| Product Type | Fixed Resistor |
| Resistor Type | Precision Resistor |
| Size Code | 0805 |
| Element Type | Thin Film |

Configuration Features

| | |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

| | |
|------------------|-------------|
| Voltage Rating | 100 V |
| Tolerance | .1% |
| Resistance Range | Up to 1kΩ Ω |
| Resistance | 160 Ω |
| Power Rating | .1 W |

Termination Features

| | |
|------------------------|--------|
| Number of Terminations | 2 |
| Termination Type | Solder |

Mechanical Attachment

| | |
|-------------|---------------|
| Mount Style | Surface Mount |
|-------------|---------------|

Dimensions



| | |
|------------|------------------|
| Dimensions | 2 x 1.25 x .5 mm |
|------------|------------------|

Usage Conditions

| | |
|-------------------------|------------|
| Temperature Coefficient | ±25 ppm/°C |
|-------------------------|------------|

Packaging Features

| | |
|------------------|----------------|
| Packaging Method | Taped & Reeled |
|------------------|----------------|

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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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

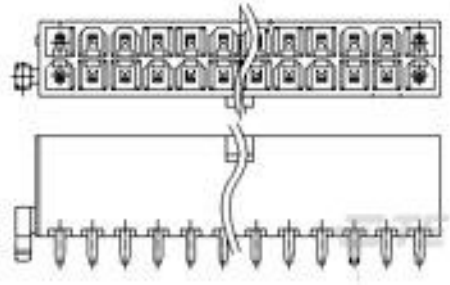
TE Model / Part # 9-1879216-1
CPF 0402 158K 0.1% 25PPM 5K RL

Also in the Series | Neohm CPF

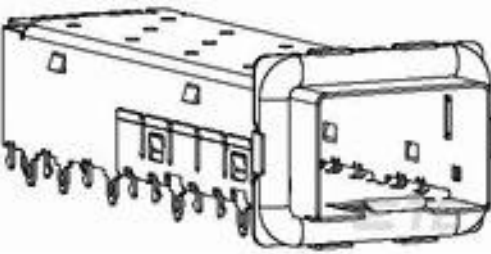


Surface Mount Resistors(3022)

Customers Also Bought



TE Model / Part #1775099-8
ATX PWR CONN 1 BDLK 12 POS



TE Model / Part #2057086-2
SFP+ Enhanced 1x1 Cage Assembly



TE Model / Part #4-1625868-3
RP 2A 0.25W 14R7 0.1% 25PPM 1K RL



TE Model / Part #1-178137-5
DYNAMIC 3100 HDR H 6P ASSY



TE Model / Part #1744037-5
05P EC PWR.200 CL HDR ASSY VRT



TE Model / Part #7-1614884-0
CPF 0805 2K4 0.1% 25PPM 1K RL



TE Model / Part #9-1614884-5
CPF 0805 43K 0.1% 25PPM 1K RL



TE Model / Part #3-1775333-2
ZIF FPC 0.5, 2H, 32P



Documents

Product Drawings

[CPF 0805 160R 0.1% 25PPM 1K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-1614884-6_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1614884-6_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1614884-6_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