

CPF 0402 4K87 0.1% 25PPM 1K RL

✓ ACTIVE

Neohm | Neohm CPF

TE Part # 1879215-9

TE Internal #: CPF0402B4K87E1

[View on TE.com >](#)



Passive Components > Resistors > Fixed 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 |

Configuration Features

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

Electrical Characteristics

| | |
|------------------|------------------------------------|
| Voltage Rating | 25 V |
| Tolerance | .1% |
| Resistance Range | 1k Ω – 1M Ω Ω |
| Resistance | 4.87K Ω |
| Power Rating | .063 W |

Termination Features

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

Mechanical Attachment

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

Dimensions

| | |
|------------|----------------|
| Dimensions | 1 x .5 x .3 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 2019 (197) Candidate List Declared Against: JUN 2018 (191) |
| 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

CPF 0402 4K87 0.1% 25PPM 1K RL

TE Part # 1879215-9
TE Internal #: CPF0402B4K87E1





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



TE Part # 1-1614959-4
CPF0805 2M0 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

Also in the Series | Neohm CPF



Power Cable Assemblies(1)



Surface Mount Resistors
(3022)

Customers Also Bought



TE Part #350787-3
02P UMNL PIN HDR ASSY
94VO LF



TE Part #5-5179180-3
0.8FH,R09H.5,080,08/Sn,
TR,SC



TE Part #3-5177986-3
0.8FH,P08H.5,080,08/Sn,TR,
SC



TE Part #1734742-8
.5 FPC VT ZIF Type-A 8
CONT



TE Part #2-1761606-8
IDC LOW PRO HDR 24P
VERT LG LA



TE Part #2013297-1
SEMI-HARD TRAY DDR3
204P 8H ST



TE Part #1-1393480-7
V23529B1121B209=SUB D
FEDERLEI



TE Part #6-1879215-5
CPF 0402 21K5 0.1%
25PPM 1K RL



TE Part #8-1879208-8
CPF 0402 43K 0.1% 25PPM
1K RL



TE Part #3-1879215-1
CPF 0402 8K45 0.1%
25PPM 1K RL



Documents

Product Drawings

CPF 0402 4K87 0.1% 25PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1879215-9_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1879215-9_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1879215-9_BA.3d_stp.zip

English

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

CPF-1016

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English

Product Environmental Compliance

TE Material Declaration

English