



Passive Components > Resistors > Surface Mount Resistors



Resistance Value: **200K  $\Omega$**

Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.063 W**

Features

Product Type Features

|                   |                    |
|-------------------|--------------------|
| Resistor Type     | Precision Resistor |
| Element Type      | Thin Film          |
| Package Size Code | 0402               |

Configuration Features

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

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Operating Voltage           | 25 V                      |
| Resistance Value            | 200K $\Omega$             |
| Power Rating                | .063 W                    |
| Resistance Class            | 1k $\Omega$ – 1M $\Omega$ |
| Passive Component Tolerance | .1 %                      |

Termination Features

|                                         |        |
|-----------------------------------------|--------|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations                  | 2      |

Dimensions

|                |                |
|----------------|----------------|
| Product Height | .3 mm[.012 in] |
| Product Length | 1 mm[.039 in]  |
| Product Width  | .5 mm[.02 in]  |



Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -55 – 155 °C |
| Temperature Coefficient     | ±25 ppm/°C   |

Industry Standards

|                            |   |
|----------------------------|---|
| Moisture Sensitivity Level | 1 |
|----------------------------|---|

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                   | Out of Scope                                                                                                                  |
| 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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

CPF0402B200KE1

200K ohm, Surface Mount Precision Resistor, Thin Film, 0402, .063 W, .1 %, ±25 ppm/°C, Solder, 2 Terminations, .3 mm [.012 in] Height, Neohm CPF



TE Part # 2-1614895-1  
[CPF 0805 9K56 0.1% 25PPM 1K RL](#)

TE Part # 2-1614895-2  
[CPF 0805 9K58 0.1% 25PPM 1K RL](#)

TE Part # 7-1879227-6  
[CPF 1206 4R7 1% 25PPM 1K RL](#)

TE Part # 5-1879332-3  
[CPF 0402 4K02 1% 50PPM 1K RL](#)

TE Part # 4-1879216-5  
[CPF0402 30R1 0.1% 50PPM 1K RL](#)

TE Part # 2-1614965-5  
[CPF 1206 68K 0.1% 25PPM 1K RL](#)

TE Part # 2-1614891-2  
[CPF 0805 113R 0.1% 25PPM 1K RL](#)

TE Part # 2-1614971-5  
[CPF 1206 15R8 0.1% 25PPM 1K RL](#)

TE Part # 2-1614971-6  
[CPF 1206 16R2 0.1% 25PPM 1K RL](#)

TE Part # 2-1614891-6  
[CPF 0805 124R 0.1% 25PPM 1K RL](#)

TE Part # 2-1614972-9  
[CPF 1206 191R 0.1% 25PPM 1K RL](#)

TE Part # 2-1614895-5  
[CPF 0805 9K64 0.1% 25PPM 1K RL](#)

TE Part # 2-1879334-3  
[CPF 0603 3R4 1% 50PPM 1K RL](#)

TE Part # 2-1879335-9  
[CPF 0603 42R2 1% 50PPM 1K RL](#)

TE Part # 2-1614972-4  
[CPF 1206 169R 0.1% 25PPM 1K RL](#)

TE Part # 2-1879337-4  
[CPF 0603 4K32 1% 50PPM 1K RL](#)

TE Part # 1614894-5  
[CPF 0805 187K 0.1% 25PPM 1K RL](#)

TE Part # 2-1614890-8  
[CPF 0805 10R5 0.1% 25PPM 1K RL](#)

TE Part # 2-1614892-6  
[CPF 0805 1K54 0.1% 25PPM 1K RL](#)

TE Part # 2-1614965-1  
[CPF 1206 43K 0.1% 25PPM 1K RL](#)

Also in the Series | [Neohm CPF](#)



Surface Mount Resistors(5842)

Customers Also Bought



TE Part #3-1437720-8  
T01-0599-B08-B=INDUSTRIAL CONN



TE Part #1-2176280-2  
CPF 0402 133K 0.1% 25PPM 1K RL



TE Part #2-1437720-3  
T01-0599-B03-B=INDUSTRIAL CONN



TE Part #1888250-2  
Low Profile RJ45,1x1,Bi-color



TE Part #2-2176055-4  
RLP73N 2B R091 1% 1K RL



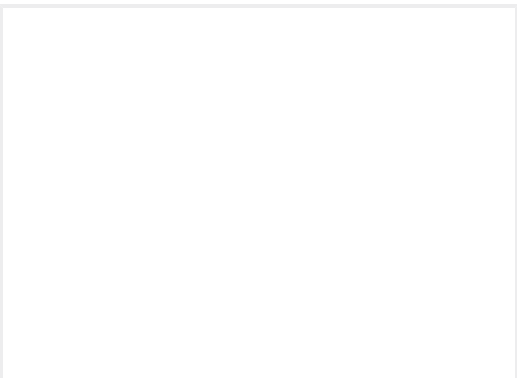
TE Part #640385-2  
02P MTA156 HDR ASSY SQ R/A



TE Part #2169809-1  
IMP,Power,4PR,VR,Tin



TE Part #8-1734774-1  
PCI EXP 2.3L 64 POS BLK 15u"



TE Part #955-181-016  
CGNW 702659 SF S/FAKRAwp-na/D/C /E/5.0



TE Part #1-2103396-4  
HVA280 2P HDR ASSY, STITCHED, AG, KEY D

Documents

Product Drawings

CPF0402 200K 0.1% 25PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-1879216-5\_BA.2d\_dxf.zip

CPF0402B200KE1

200K ohm, Surface Mount Precision Resistor, Thin Film, 0402, .063 W, .1 %, ±25 ppm/°C, Solder, 2 Terminations, .3 mm [.012 in] Height, Neohm CPF



English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1879216-5\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1879216-5\\_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