



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.063 W**

Resistance Value: **4.7K  $\Omega$**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Power Rating                | .063 W                    |
| Resistance Value            | 4.7K $\Omega$             |
| 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

|  |  |
|--|--|
|  |  |
|--|--|



|                         |            |
|-------------------------|------------|
| 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                   | 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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



TE Part # 3-1879216-5  
CPF0402 200K 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

TE Part # 1-1614959-4  
CPF0805 2M0 0.1% 25PPM 1K RL

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

Also in the Series | Neohm CPF

Surface Mount Resistors(5842)

Customers Also Bought

TE Part #4-1879233-4  
SMW5 6R2 5%

TE Part #216604-7  
2X 7P HV190FEDERLEI

TE Part #1614881-1  
CPF0603 10K 0.1% 25PPM 5K RL

TE Part #9-1879208-2  
CPF 0402 62K 0.1% 25PPM 1K RL

TE Part #6-1614882-8  
CPF 0603 100K 0.1% 25PPM 5K RL

TE Part #1-2176370-8  
RQ 0603 649R 0.1% 10PPM 5K RL

TE Part #ER34322001  
DWHF-12/4-0-STK

TE Part #489057-000  
MFT-MT2000-NO.2-0-SP



Documents

Product Drawings

CPF 0402 4K7 0.1% 25PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-1879061-6\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-1879061-6\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-1879061-6\_BA.3d\_stp.zip

English

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Datasheets & Catalog Pages

CPF-1016

English