# CPF-A-0402B49K9E ✔ ACTIVE

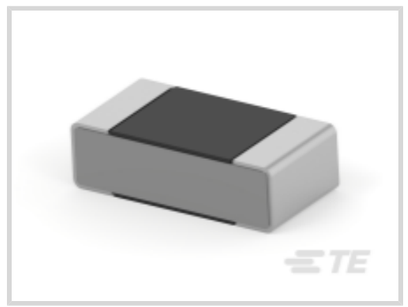
Neohm | Neohm CPF

TE Internal #: 4-2176236-0

49.9K Ω, Thin Film, Precision Resistor, .1 %, 2 Termination, 0402, Taped & Reeled, .0625 W, ±25 ppm/°C, Solder, Height .012 in [.3 mm], Neohm CPF

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors







Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Package Size Code: **0402**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **.1 %**

## Features

### Product Type Features

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

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 25 V |
| Passive Component Tolerance | .1 % |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 49.9K Ω |
| Power Rating | .0625 W |

### Termination Features

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

## 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 |

## Packaging Features

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

## Product Compliance

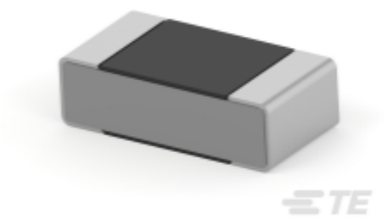
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Reflow solder capable to 260°C |

Product Compliance Disclaimer

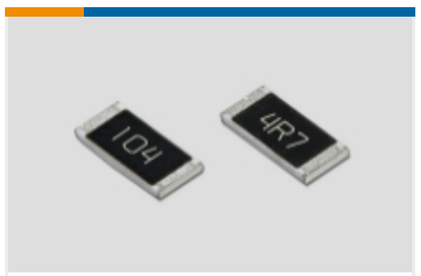
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 4-2176236-8
CPF A 0402 100K 0.1% 25PPM 5K RL

## Also in the Series | Neohm CPF




Surface Mount Resistors(6124)

## Customers Also Bought



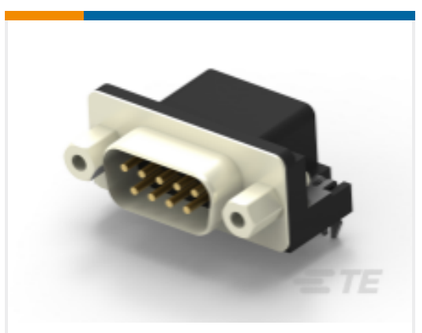
TE Part #5499206-1
AMP-LATCH UNIVERSAL HEADERS



TE Part #826632-4
4P AMPMODU II PIN HDR.



TE Part #292304-1
STD USB TYPE B, R/A, T/H



TE Part #2301843-2
AMPL PLUG HD20, R/A, 9P, B/L,4-40 S /LOCK




TE Part #5-2176337-1
CRGCQ 0402 150K 1%




TE Part #5-2176337-3
CRGCQ 0402 220K 1%



TE Part #826629-3
3P AMPMODU II




TE Part #5-2176455-7
CPF 0402 422K 0.1% 25ppm 1K RL

## Documents

### Product Drawings

CPF A 0402 49K9 0.1% 25PPM 5K RL

English

### Datasheets & Catalog Pages

Automotive Grade Thin Film Chip Resistor - Type CPF-A Series

English