# CPF0402B40K2E ✔ ACTIVE

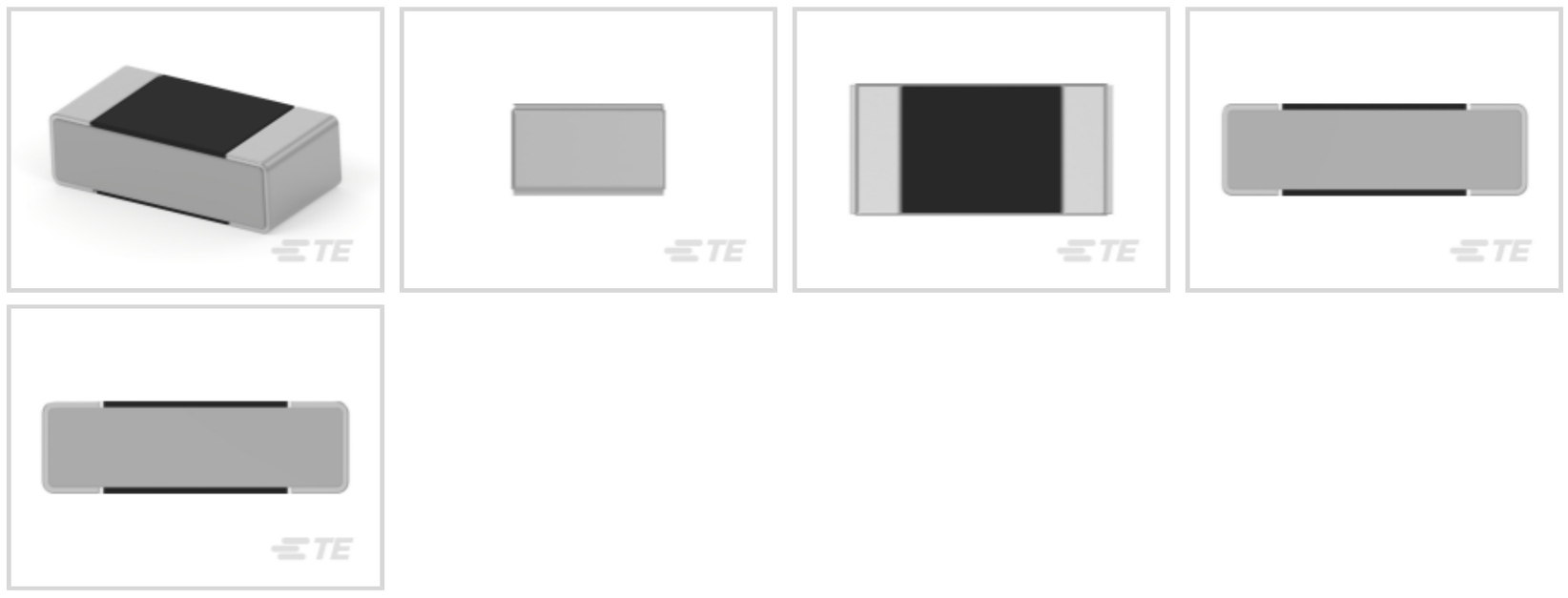
Neohm | Neohm CPF

TE Internal #: 2-1879212-8

Precision Resistor, Thin Film, 0402, .063 W, 40.2K Ω, .1 %, ±25 ppm/° C, Solder, 2 Termination, Height .012 in [.3 mm], Neohm CPF

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.063 W**

Resistance Value: **40.2K Ω**

## 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 |
| Power Rating | .063 W |
| Resistance Value | 40.2K Ω |
| Resistance Class | 1kΩ - 1MΩ |
| Passive Component Tolerance | .1 % |

### Termination Features

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

## Dimensions

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

## Usage Conditions

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

## Packaging Features

| | |
|---|---|
| Packaging Method | Tape & Reel |

## Product Compliance

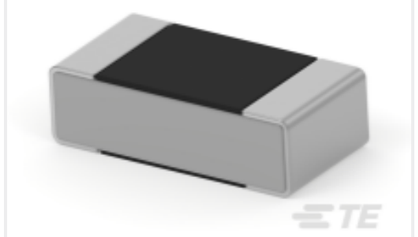
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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 |

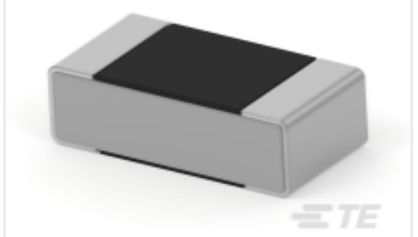
Product Compliance Disclaimer

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

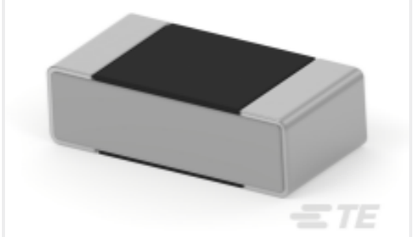
# Compatible Parts



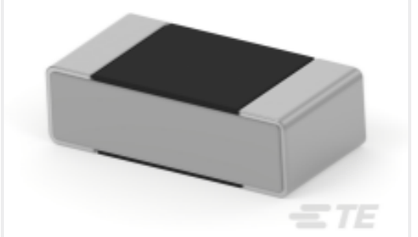
TE Part # 1879212-3
CPF 0402 22K1 0.1% 25PPM 5K RL



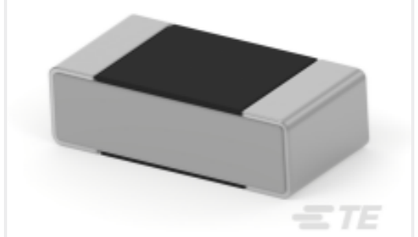
TE Part # 2-1879212-4
CPF 0402 36K5 0.1% 25PPM 5K RL



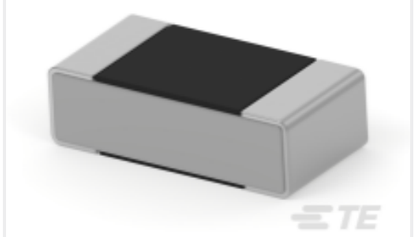
TE Part # 3-1879212-0
CPF 0402 42K2 0.1% 25PPM 5K RL



TE Part # 4-1879212-5
CPF 0402 60K4 0.1% 25PPM 5K RL



TE Part # 5-1879212-6
CPF 0402 80K6 0.1% 25PPM 5K RL



TE Part # 6-1879212-1
CPF 0402 90K9 0.1% 25PPM 5K RL

## Also in the Series | Neohm CPF




Surface Mount Resistors(6124)

## Documents

### Product Drawings

CPF 0402 40K2 0.1% 25PPM 5K RL

English

### Datasheets & Catalog Pages

CPF-1016

English