# CPF0402B10RE1 ✓ ACTIVE



### Neohm | Neohm CPF

TE Internal #: 1879208-1

10 ohm, Surface Mount Precision Resistor, Thin Film, 0402, .063 W, .

1 %, ±25 ppm/°C, Solder, 2 Terminations, .3 mm [.012 in] Height,

Neohm CPF

View on TE.com >



Passive Components > Resistors > Surface Mount Resistors



Resistance Value:  $10 \Omega$ 

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	10 Ω
Power Rating	.063 W
Resistance Class	Up to $1k\Omega$
Passive Component Tolerance	.1 %
Termination Features	
Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

.3 mm[.012 in]

1 mm[.039 in]

.5 mm[.02 in]

**Dimensions** 

Product Height

Product Length

Product Width



### **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	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) Candidate List Declared Against: JAN 2025 (247) 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

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





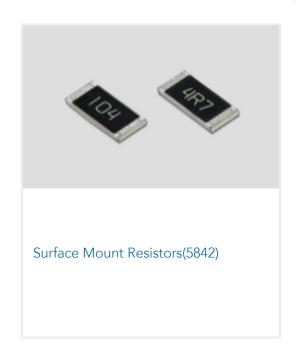








# Also in the Series | Neohm CPF



# Customers Also Bought























## **Documents**

CPF 0402 10R 0.1% 25PPM 1K RL

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1879208-1\_BA.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1879208-1\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1879208-1\_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