

CPF-A-0805B10KE1 ✓ ACTIVE

Neohm | Neohm CPF

TE Internal #: 4-2176217-9

10K Ω , Thin Film, Precision Resistor, .1 %, 2 Termination, 0805, Taped & Reeled, .1 W, ± 25 ppm/ $^{\circ}\text{C}$, Solder, 2 x 1.25 x .55 mm, Neohm CPF

[View on TE.com >](#)



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Package Size Code: **0805**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **.1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Package Size Code	0805
Element Type	Thin Film

Configuration Features

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

Electrical Characteristics

Passive Component Tolerance	.1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	10K Ω
Power Rating	.1 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	2 x 1.25 x .55 mm
------------------------------	-------------------

Usage Conditions

Temperature Coefficient	± 25 ppm/ $^{\circ}\text{C}$
-------------------------	----------------------------------



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) Candidate List Declared Against: JUNE 2023 (235) 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 $^{\circ}\text{C}$

Product Compliance Disclaimer

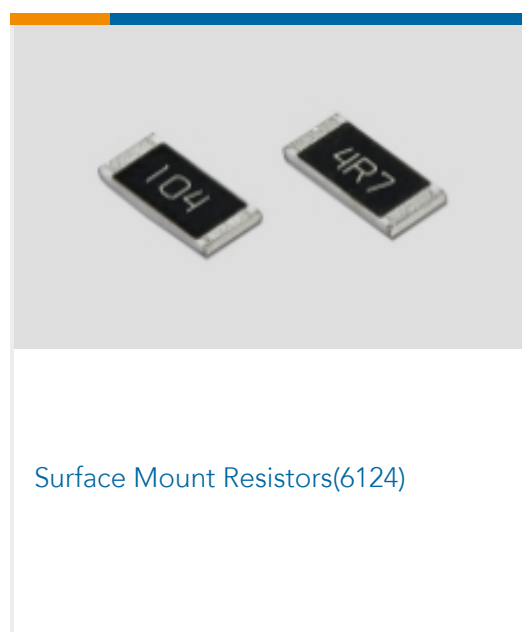
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 2176216-4 CPF A 0603 20R 0.1% 25PPM 1K RL</p>	 <p>TE Part # 2176217-4 CPF A 0805 15R 0.1% 25PPM 1K RL</p>	 <p>TE Part # 3-2176217-3 CPF A 0805 1K0 0.1% 25PPM 1K RL</p>	 <p>TE Part # 2176217-7 CPF A 0805 22R 0.1% 25PPM 1K RL</p>
--	--	--	--

 <p>TE Part # 4-2176215-8 CPF A 0402 100K 0.1% 25PPM 1K RL</p>	 <p>TE Part # 2176215-2 CPF A 0402 100R 0.1% 25PPM 1K RL</p>	 <p>TE Part # 2-2176215-6 CPF A 0402 10K 0.1% 25PPM 1K RL</p>	 <p>TE Part # 2-2176215-7 CPF A 0402 11K8 0.1% 25PPM 1K RL</p>
 <p>TE Part # 2-2176215-8 CPF A 0402 12K 0.1% 25PPM 1K RL</p>	 <p>TE Part # 2-2176215-9 CPF A 0402 15K 0.1% 25PPM 1K RL</p>	 <p>TE Part # 2176215-7 CPF A 0402 1K0 0.1% 25PPM 1K RL</p>	 <p>TE Part # 2176215-9 CPF A 0402 1K43 0.1% 25PPM 1K RL</p>
 <p>TE Part # 1-2176215-0 CPF A 0402 1K5 0.1% 25PPM 1K RL</p>	 <p>TE Part # 1-2176215-3 CPF A 0402 200R 0.1% 25PPM 1K RL</p>	 <p>TE Part # 3-2176215-1 CPF A 0402 20K 0.1% 25PPM 1K RL</p>	 <p>TE Part # 3-2176215-2 CPF A 0402 22K 0.1% 25PPM 1K RL</p>
 <p>TE Part # 2176215-3 CPF A 0402 249R 0.1% 25PPM 1K RL</p>	 <p>TE Part # 3-2176215-4 CPF A 0402 24K9 0.1% 25PPM 1K RL</p>	 <p>TE Part # 1-2176215-4 CPF A 0402 2K1 0.1% 25PPM 1K RL</p>	 <p>TE Part # 1-2176215-5 CPF A 0402 2K2 0.1% 25PPM 1K RL</p>

Also in the Series | Neohm CPF



Customers Also Bought



Documents

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_4-2176217-9_BA.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_4-2176217-9_BA.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_4-2176217-9_BA.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Automotive Grade Thin Film Chip Resistor - Type CPF-A Series](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English