

Neohm | Neohm CPF

TE Internal #: 4-2176238-8 8.2K Ω, Thin Film, Precision Resistor, .1 %, 2 Termination, 0805, Taped & Reeled, .1 W, ±25 ppm/°C, Solder, 2 x 1.25 x .55 mm, Neohm CPF

View on TE.com >





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	
Voltage Rating	100 V
Passive Component Tolerance	.1 %
Resistance Class	$1k\Omega - 1M\Omega$
Resistance Value	8.2ΚΩ
Power Rating	.1 W
Termination Features	
Number of Terminations	2

CPF-A-0805B8K2E

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Surface Mount Resistor Termination Type	Solder
Dimensions	
Passive Component Dimensions	2 x 1.25 x .55 mm
Jsage 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
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Halogen Content

Does not contain REACH SVHC

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

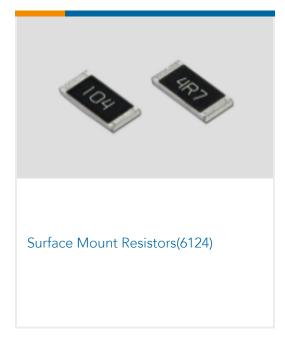
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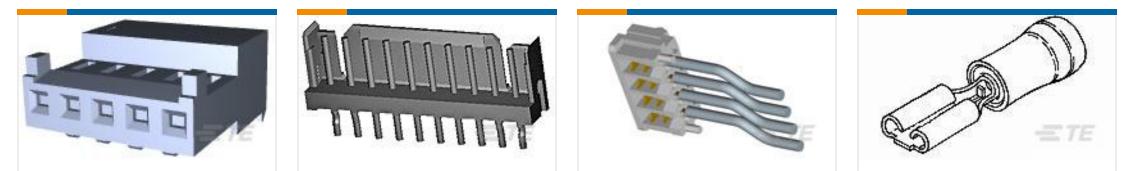


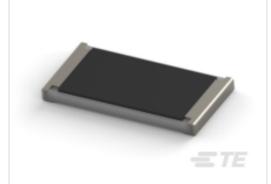


Also in the Series | Neohm CPF



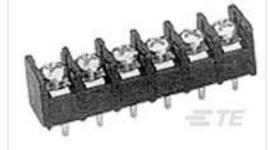
Customers Also Bought











TE Part #5-2176070-3 SMD Power Resistor: 2 Watt, 3521 Series TE Part #87631-6 10 MODIV HSG DR MRKD .100 POL TE Part #1623525-1 CRG1206 1% 4K7 TE Part #6-1546119-7 3WWV-04-008



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Documents

CAD Files 3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2176238-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2176238-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2176238-8_A.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