



Neohm | Neohm CPF

TE Internal #: 4-2176238-1

3.3K Ω , Thin Film, Precision Resistor, .1 %, 2 Termination, 0805, Taped & Reeled, .1 W, ± 25 ppm/ $^{\circ}\text{C}$, Solder, Height .022 in [.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

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

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	100 V
Passive Component Tolerance	.1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	3.3K Ω
Power Rating	.1 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Product Height	.55 mm[.022 in]
Product Length	2 mm[.079 in]
Product Width	1.25 mm[.049 in]

Usage Conditions

Operating Temperature Range	-55 – 155 $^{\circ}\text{C}$
Temperature Coefficient	± 25 ppm/ $^{\circ}\text{C}$

Packaging Features

Packaging Method	Taped & Reeled
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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



TE Part # 6-2176238-7
CPF A 0805 100K 0.1% 25PPM 5K RL

Also in the Series | Neohm CPF



Surface Mount Resistors(6124)

Customers Also Bought



TE Part #3-1415055-1
SR4D4024



TE Part #640456-9
09P MTA100 HDR ASSY F/L SQ STR



TE Part #640457-3
03P MTA100 HDR ASSY SQ R/A F/L



TE Part #1676221-1
RN 0805 1K0 0.1% 10PPM CUT LENGTH



TE Part #1676142-2
RN 0805 100K 0.1% 10PPM 1KRL



TE Part #2-5767004-2
MICTOR RECEPT ASSY, 38 POS.



TE Part #2176305-1
RP 1E 0.1W 107R 0.1% 25PPM 5K RL



TE Part #6-1614892-2
CPF 0805 4K12 0.1% 25PPM 1K RL

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_4-2176238-1_A.2d_dxf.zip](#)

English



Customer View Model

[ENG_CVM_CVM_4-2176238-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-2176238-1_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