

Neohm | Neohm CPF

TE Internal #: 1-1614959-8

Surface Mount Precision Resistor, Thin Film, 0805, .1 W, 1.07M ohm, .1 %,  $\pm 25$  ppm/ $^{\circ}$ C, Solder, 2 Terminations, Height .55 mm [.022 in],  
Neohm CPF

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Passive Components &gt; Resistors &gt; Surface Mount Resistors



Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 0805

Power Rating: .1 W

Resistance Value: 1.07M  $\Omega$ 

## Features

### Industry Standards

Moisture Sensitivity Level	1
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### Product Type Features

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

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Power Rating	.1 W
Resistance Value	1.07M $\Omega$
Resistance Class	1k $\Omega$ – 1M $\Omega$
Passive Component Tolerance	.1 %

### Termination Features

Surface Mount Resistor Termination Type	Solder
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Number of Terminations	2
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### Dimensions

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

### Usage Conditions

Temperature Coefficient	$\pm 25$ ppm/ $^{\circ}$ C
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### Packaging Features

Packaging Method	Taped & Reeled
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 $^{\circ}$ 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

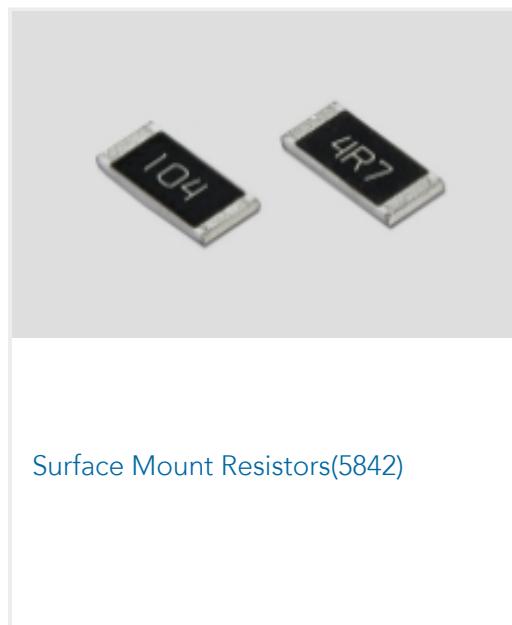


TE Part # 1-1614959-7  
CPF0805 1M05 0.1% 25PPM 1K RL



TE Part # 1-1614959-9  
CPF0805 1M13 0.1% 25PPM 1K RL

## Also in the Series | [Neohm CPF](#)



Surface Mount Resistors(5842)

## Customers Also Bought



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

## Documents

### Product Drawings

[CPF0805 1M07 0.1% 25PPM 1K RL](#)

English

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**Datasheets & Catalog Pages**

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English

[CPF-1016](#)

English