

# CPF0603B43RE1 ✓ ACTIVE

Neohm | Neohm CPF

TE Internal #: 2-1676481-3

43 ohm, Surface Mount Precision Resistor, Thin Film, 0603, .063 W, .1 %,  $\pm 25$  ppm/ $^{\circ}$ C, Solder, 2 Terminations, .45 mm [.018 in] Height, Neohm CPF

[View on TE.com >](#)



Passive Components > Resistors > Surface Mount Resistors



Resistance Value: **43  $\Omega$**

Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.063 W**

## Features

### Industry Standards

Moisture Sensitivity Level	1
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### Electrical Characteristics

Operating Voltage	50 V
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Resistance Value	43 $\Omega$
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Power Rating	.063 W
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Resistance Class	Up to 1k $\Omega$
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Passive Component Tolerance	.1 %
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### Product Type Features

Resistor Type	Precision Resistor
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Element Type	Thin Film
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Package Size Code	0603
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### Configuration Features

Number of Resistors	1
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### Termination Features

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

Product Height	.45 mm [.018 in]
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Product Length	1.55 mm[.061 in]
Product Width	.8 mm[.031 in]

**Usage Conditions**

Temperature Coefficient	±25 ppm/°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>](#)

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°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 # 1879417-8  
CPF0603 1M0 0.1% 25PPM 5K RL



TE Part # 3-1879216-5  
CPF0402 200K 0.1% 25PPM 1K RL



TE Part # 1-1614959-4  
CPF0805 2M0 0.1% 25PPM 1K RL



TE Part # 9-1879216-1  
CPF 0402 158K 0.1% 25PPM 5K RL



TE Part # 1-1879417-9  
CPF 0603 1M0 0.1% 25PPM 1K RL

Also in the Series | **Neohm CPF**



Surface Mount Resistors(5842)

Customers Also Bought



TE Part #2-2071410-1  
IHV200HAANA



TE Part #2176381-5  
RQ 0805 13K7 0.1% 10PPM 5K RL



TE Part #4-794633-4  
14P MICRO MNL ASSY,VRT,SMT,LF



TE Part #1-726389-2  
187 FASTON,FLAG,TAB,TPBR



TE Part #2-1622825-1  
RL73K 3A R39 5% 1K RL



TE Part #9-2176231-8  
3522 110K 1% 3W



TE Part #8-2176403-5  
3550 3K3 1%



TE Part #640249-3  
RING TONGUE .190 10-8 AWG NIBR



## Documents

### Product Drawings

[CPF 0603 43R 0.1% 25PPM 1K RL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1676481-3\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1676481-3\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1676481-3\\_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