



Neohm | Neohm CPF

TE Internal #: 4-1614881-4

22 ohm, Surface Mount Precision Resistor, Thin Film, 0603, .063 W, .1 %, ±25 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, Neohm CPF

[View on TE.com >](#)

Passive Components > Resistors > Surface Mount Resistors



Resistance Value: **22 Ω**

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

Resistance Value	22 Ω
Power Rating	.063 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0603

Configuration Features

Number of Resistors	1
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Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

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



Product Width	.8 mm[.031 in]
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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
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EU ELV Compliance	Compliant
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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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 # 9-1879216-1
CPF 0402 158K 0.1% 25PPM 5K RL

TE Part # 6-1614881-4
CPF 0603 160R 0.1% 25PPM 5K RL

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

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

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

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

Also in the Series | **Neohm CPF**

Surface Mount Resistors(5842)

Customers Also Bought

TE Part #5-1879215-7
CPF 0402 17K4 0.1% 25PPM 1K RL

TE Part #1624009-2
SC30-10-2513-10 1UH AMMO 1000

TE Part #3-644044-2
02P MTA100 CONN ASSY LF

TE Part #2-1879021-3
SMW3 R82 5%

TE Part #7-1768045-5
STD15Y-1

TE Part #6-2176421-6
TLRP 2512 2.0W R075 1% 50PPM 4K RL

TE Part #292172-3
CT POST HDR ASSY 3P IN-TUBE BL

TE Part #AEA175N00000203000
623 RECEPTACLE, SPEEDTEC-READY



Documents

Product Drawings

[CPF 0603 22R 0.1% 25PPM 5K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-1614881-4_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1614881-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1614881-4_BA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[CPF-1016](#)

English