

CPF0402B280RE1

✓ ACTIVE

Neohm | Neohm CPF

TE Internal #: 9-1879213-4

280 ohm, Surface Mount Precision Resistor, Thin Film, 0402, .063 W,
.1 %, ±25 ppm/°C, Solder, 2 Terminations, .3 mm [.012 in] Height,
Neohm CPF

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Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 280 Ω
Resistor Type: Precision Resistor
Element Type: Thin Film
Package Size Code: 0402
Power Rating: .063 W

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0402

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	25 V
Resistance Value	280 Ω
Power Rating	.063 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.3 mm[.012 in]
Product Length	1 mm[.039 in]
Product Width	.5 mm[.02 in]



Usage Conditions

Temperature Coefficient	±25 ppm/°C
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Industry Standards

Moisture Sensitivity Level	1
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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 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

CPF0402B280RE1

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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

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 # 3-1879210-0
CPF 0402 280R 0.1% 25PPM 5K RL

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

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

[Surface Mount Resistors\(5842\)](#)

Customers Also Bought

TE Part #8-1879213-9
CPF 0402 249R 0.1% 25PPM 1K RL

TE Part #2311777-1
AMPL PLUG, HD22, R/A, 44P, THREADED

TE Part #1SET411011R0000
WD-1-DP-GR2580

TE Part #5-2176412-3
5W XSM M/OX 5% 750R

TE Part #322242
TERMINAL,SOLIS R 12-10 3/8

TE Part #1-1614931-0
CPF0805 42K2 0.1% 25PPM 1K RL

TE Part #1337808-1
50 OHM COAX SMA STR PLUG STR P

TE Part #L9000046-01
Antenna 2.4 FPC LV 7x45 200 UFL



Documents

Product Drawings

[CPF 0402 280R 0.1% 25PPM 1K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_9-1879213-4_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-1879213-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-1879213-4_BA.3d_stp.zip](#)

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