



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.063 W**

Resistance Value: **1M Ω**

Features

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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Electrical Characteristics

Operating Voltage	50 V
Power Rating	.063 W
Resistance Value	1M Ω
Resistance Class	1MΩ – 1GΩ
Passive Component Tolerance	.1 %

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]



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	Out of Scope
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1879478-2
CPF2010 15K 1% 50PPM 1K RL



TE Part # 1-1879345-2
CPF 0805 17K4 1% 50PPM 1K RL



TE Part # 8-1879332-2
CPF 0402 8K06 1% 50PPM 1K RL



TE Part # 2-1614895-0
CPF 0805 9K54 0.1% 25PPM 1K RL



TE Part # 7-1879227-7
CPF 1206 4R7 1% 50PPM 1K RL



TE Part # 5-1879334-1
CPF 0603 6R65 1% 50PPM 1K RL



TE Part # 5-1879336-1
CPF 0603 768R 1% 50PPM 1K RL



TE Part # 5-1614892-1
CPF 0805 3K01 0.1% 25PPM 1K RL



TE Part # 4-1879334-7
CPF 0603 6R04 1% 50PPM 1K RL



TE Part # 5-1879336-8
CPF 0603 909R 1% 50PPM 1K RL



TE Part # 5-1879334-6
CPF 0603 7R5 1% 50PPM 1K RL



TE Part # 5-1879221-8
CPF 0603 5R9 0.1% 25PPM 1K RL



TE Part # 5-1614972-4
CPF 1206 340R 0.1% 25PPM 1K RL



TE Part # 5-1879220-3
CPF 0603 34K 0.1% 25PPM 5K RL



TE Part # 5-1879335-5
CPF 0603 78R7 1% 50PPM 1K RL



TE Part # 5-1614971-6
CPF 1206 33R2 0.1% 25PPM 1K RL



TE Part # 5-1879221-6
CPF 0603 5R62 0.1% 25PPM 1K RL



TE Part # 5-1614972-1
CPF1206 71K5 0.1% 25PPM 1K RL

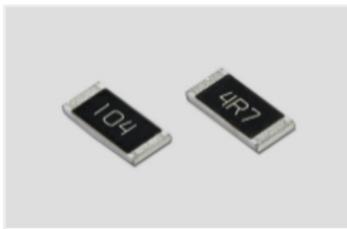


TE Part # 5-1614890-6
CPF 0805 22R6 0.1% 25PPM 1K RL



TE Part # 5-1879221-4
CPF 0603 5R36 0.1% 25PPM 1K RL

Also in the Series | **NEOHM CPF**



Surface Mount Resistors(5842)

Customers Also Bought



TE Part #2-1445096-6
MICRO MNL HDR ASSY SINGLE ROW



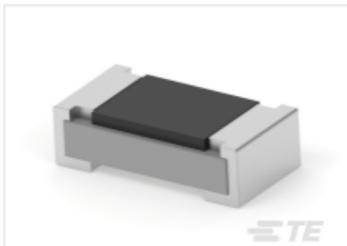
TE Part #1879135-3
RN 0603 110K 0.1% 10PPM 1K RL



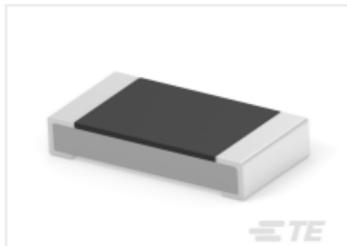
TE Part #4-1879160-2
RN 0805 5R11 0.1% 10PPM 1K RL



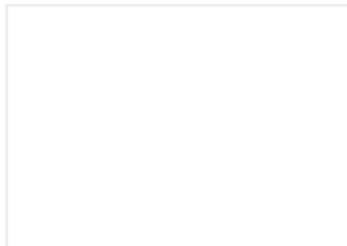
TE Part #4-2176215-6
CPF A 0402 82K 0.1% 25PPM 1K RL



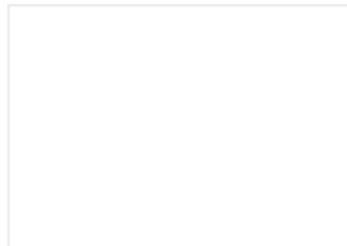
TE Part #2176237-5
CPF A 0603 22R 0.1% 25PPM 5K RL



TE Part #5-2176392-5
RQ 1206 487K 0.1% 10PPM 5K RL



TE Part #ZPF000000000204757
787-0015-06 A1562



TE Part #ZPF000000000204754
787-0015-03 A1562



TE Part #ZPF000000000204746
DMC-MD 24 B-T-A1560



TE Part #379366-000
TTP200MP-10

Documents

Product Drawings

[CPF 0603 1M0 0.1% 25PPM 1K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1879417-9_BA1.3d_stp.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1-1879417-9_BA1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1879417-9_BA1.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[CPF-1016](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English