



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

Power Rating	.063 W
Resistance Value	1M Ω
Resistance Class	1kΩ – 1MΩ
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

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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

CPF0603B1M0E

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





TE Part # 4-1879216-5
[CPF0402 30R1 0.1% 50PPM 1K RL](#)



TE Part # 7-1879227-6
[CPF 1206 4R7 1% 25PPM 1K RL](#)



TE Part # 5-1879332-3
[CPF 0402 4K02 1% 50PPM 1K RL](#)



TE Part # 2-1614895-1
[CPF 0805 9K56 0.1% 25PPM 1K RL](#)



TE Part # 2-1614895-2
[CPF 0805 9K58 0.1% 25PPM 1K RL](#)



TE Part # 1-1879794-3
[CPF0402 20K 1% 25PPM 1K RL](#)



TE Part # 1-1879227-6
[CPF 1206 237K 0.1% 25PPM 1K RL](#)



TE Part # 1-1879338-6
[CPF 0603 38K3 1% 50PPM 1K RL](#)



TE Part # 1-1879213-9
[CPF 0402 40R2 0.1% 25PPM 1K RL](#)



TE Part # 1-1879794-0
[CPF0402 2K0 1% 25PPM 1K RL](#)



TE Part # 2-1614892-6
[CPF 0805 1K54 0.1% 25PPM 1K RL](#)



TE Part # 2-1614965-1
[CPF 1206 43K 0.1% 25PPM 1K RL](#)



TE Part # 1-1614883-2
[CPF0805 200K 0.1% 25PPM 1K RL](#)



TE Part # 1-1614892-0
[CPF 0805 953R 0.1% 25PPM 1K RL](#)



TE Part # 1-1614884-9
[CPF 0805 12R 0.1% 25PPM 1K RL](#)



TE Part # 1-1614884-3
[CPF 0805 6R8 0.1% 25PPM 1K RL](#)



TE Part # 1-1614885-2
[CPF 0805 220K 0.1% 25PPM 1K RL](#)



TE Part # 1-1614891-6
[CPF 0805 93R1 0.1% 25PPM 1K RL](#)

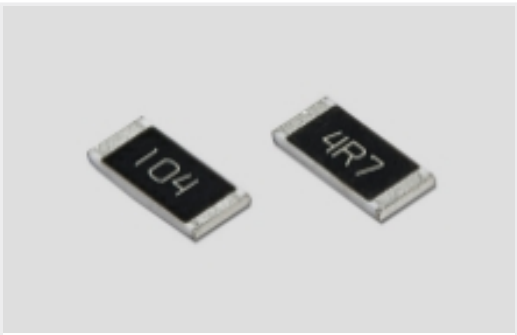


TE Part # 1-1879335-8
[CPF 0603 32R4 1% 50PPM 1K RL](#)



TE Part # 1-1879338-7
[CPF 0603 39K2 1% 50PPM 1K RL](#)

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



Surface Mount Resistors(5842)

Customers Also Bought



TE Part #89BSD-028BA-A
28 BARA 316L DIGITAL PRESSURE SENSOR



TE Part #6-66461-2
SKT,.062 DIA,.025 SQ POST,LP



TE Part #8-1879135-1
RN 0603 8R06 0.1% 10PPM 5K RL



TE Part #2106135-3
Assembly, Plug, 3-Position



TE Part #2176056-3
RLP73V 2B R012 5% 5K RL



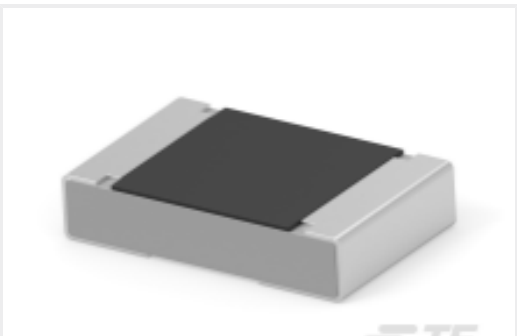
TE Part #4-2176057-4
RLP73K 3A R62 1% 1K RL



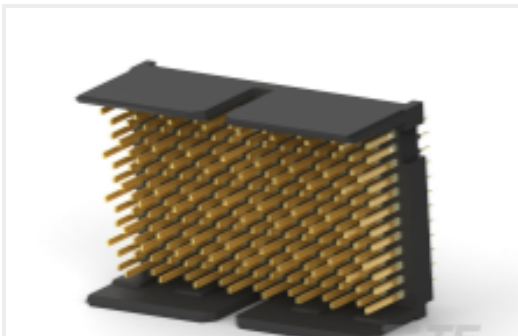
TE Part #2-2176090-0
RP 1J 0.166W 205K 0.1% 25PPM 1K RL



TE Part #9-2176091-2
RP 2A 0.25W 536R 0.1% 25PPM 1K RL



TE Part #9-2176529-7
3504G 3A 511R 1% 1K RL



TE Part #2187307-1
TinMan Header Assy 4x16 Open

Documents

Product Drawings

CPF0603 1M0 0.1% 25PPM 5K RL

English

CAD Files

Customer View Model

ENG_CVM_CVM_1879417-8_BA1.3d_igs.zip

English

3D PDF

CPF0603B1M0E

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



3D

Customer View Model

[ENG_CVM_CVM_1879417-8_BA1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1879417-8_BA1.2d_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[CPF-1016](#)

English