



Passive Components > Resistors > Surface Mount Resistors



Resistance Value: **1M Ω**

Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.063 W**

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

Resistance Value	1M Ω
Power Rating	.063 W
Resistance Class	1k Ω – 1M Ω
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	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: 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

CPF0603B1M0E

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



 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 # 7-1879227-6 CPF 1206 4R7 1% 25PPM 1K RL	 TE Part # 5-1879332-3 CPF 0402 4K02 1% 50PPM 1K RL
 TE Part # 4-1879216-5 CPF0402 30R1 0.1% 50PPM 1K RL	 TE Part # 2-1614965-5 CPF 1206 68K 0.1% 25PPM 1K RL	 TE Part # 2-1614891-2 CPF 0805 113R 0.1% 25PPM 1K RL	 TE Part # 2-1614971-5 CPF 1206 15R8 0.1% 25PPM 1K RL
 TE Part # 2-1614971-6 CPF 1206 16R2 0.1% 25PPM 1K RL	 TE Part # 2-1614891-6 CPF 0805 124R 0.1% 25PPM 1K RL	 TE Part # 2-1614972-9 CPF 1206 191R 0.1% 25PPM 1K RL	 TE Part # 2-1614895-5 CPF 0805 9K64 0.1% 25PPM 1K RL
 TE Part # 2-1879334-3 CPF 0603 3R4 1% 50PPM 1K RL	 TE Part # 2-1879335-9 CPF 0603 42R2 1% 50PPM 1K RL	 TE Part # 2-1614972-4 CPF 1206 169R 0.1% 25PPM 1K RL	 TE Part # 2-1879337-4 CPF 0603 4K32 1% 50PPM 1K RL
 TE Part # 1614894-5 CPF 0805 187K 0.1% 25PPM 1K RL	 TE Part # 2-1614890-8 CPF 0805 10R5 0.1% 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

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



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

Customers Also Bought



TE Part #2-1747276-4
[DYNAMIC D4200 REC HSG 4P/Y](#)



TE Part #6337194-1
[BATTERY CONNECTOR ASSEMBLY](#)



TE Part #7-2176371-5
[RQ 0603 27K4 0.1% 10PPM 5K RL](#)



TE Part #ER9641-000
[TMS-CT-50M-3/16-OUT-2](#)



TE Part #2-2176094-4
[RP 2A 0.25W 205K 0.1% 25PPM 1K RL](#)



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



TE Part #1658015-1
[MSB0.80PL11ASY040FL,-,10,-TY](#)



TE Part #5-2176371-7
[RQ 0603 17K8 0.1% 10PPM 5K RL](#)



TE Part #9-1879208-8
[CPF0402 130K 0.1% 25PPM 5K RL](#)



TE Part #864900-2
[LGH CONNECTOR HOUSING](#)

Documents

Product Drawings

[CPF0603 1M0 0.1% 25PPM 5K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

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

CPF0603B1M0E

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



English

Customer View Model

[ENG_CVM_CVM_1879417-8_BA.3d_igs.zip](#)

English

Customer View Model

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

English

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Datasheets & Catalog Pages

[CPF-1016](#)

English