



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

Operating Voltage	50 V
Resistance Value	1M Ω
Power Rating	.063 W
Resistance Class	1M Ω – 1G 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	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

CPF0603B1M0E1

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 # 8-1879337-4
[CPF 0603 18K2 1% 50PPM 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 # 2-1676481-1
[CPF 0603 36R 0.1% 25PPM 1K RL](#)



TE Part # 2-1676481-2
[CPF 0603 39R 0.1% 25PPM 1K RL](#)



TE Part # 1879224-2
[CPF 0603 3K09 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 # 2-1879213-5
[CPF 0402 46R4 0.1% 25PPM 1K RL](#)



TE Part # 2-1879216-6
[CPF 0402 93K1 0.1% 25PPM 1K RL](#)



TE Part # 2-1879214-1
[CPF 0402 523R 0.1% 25PPM 1K RL](#)

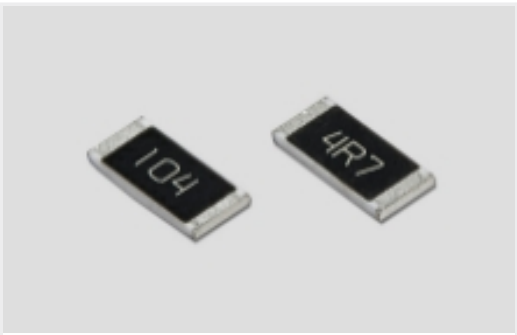


TE Part # 2-1614890-0
[CPF 0805 8R45 0.1% 25PPM 1K RL](#)



TE Part # 2-1879225-8
[CPF 0603 76K8 0.1% 25PPM 1K RL](#)

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



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

Customers Also Bought



TE Part #5-532956-3
[20 MODII 2PC CE RCPT ASSY, RoHS](#)



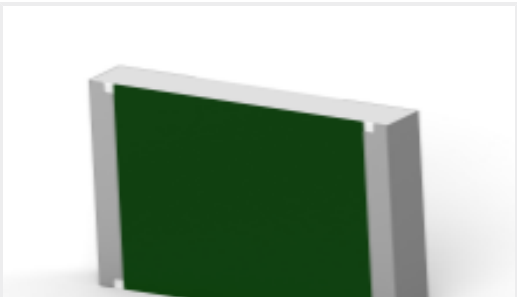
TE Part #103414-3
[05 MODII HDR SRST SHRD .100CL](#)



TE Part #1-2176403-5
[3550 3R9 1%](#)



TE Part #2-2176404-4
[3550 120K 1%](#)



TE Part #1-2176400-6
[3540 4R3 1%](#)



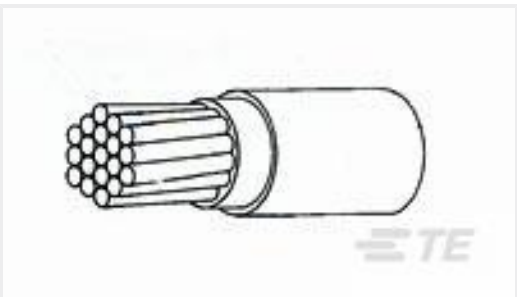
TE Part #2-2176471-9
[HPCR 0819 A 10% 1K2 Std T&R](#)



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



TE Part #4-2176371-9
[RQ 0603 14K7 0.1% 10PPM 5K RL](#)



TE Part #2820763012
[44A0111-30-9](#)



TE Part #812285-SF
[IL13-C14-H05-3100-200](#)

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_BA.2d_dxf.zip](#)

CPF0603B1M0E1

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_1-1879417-9_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1879417-9_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