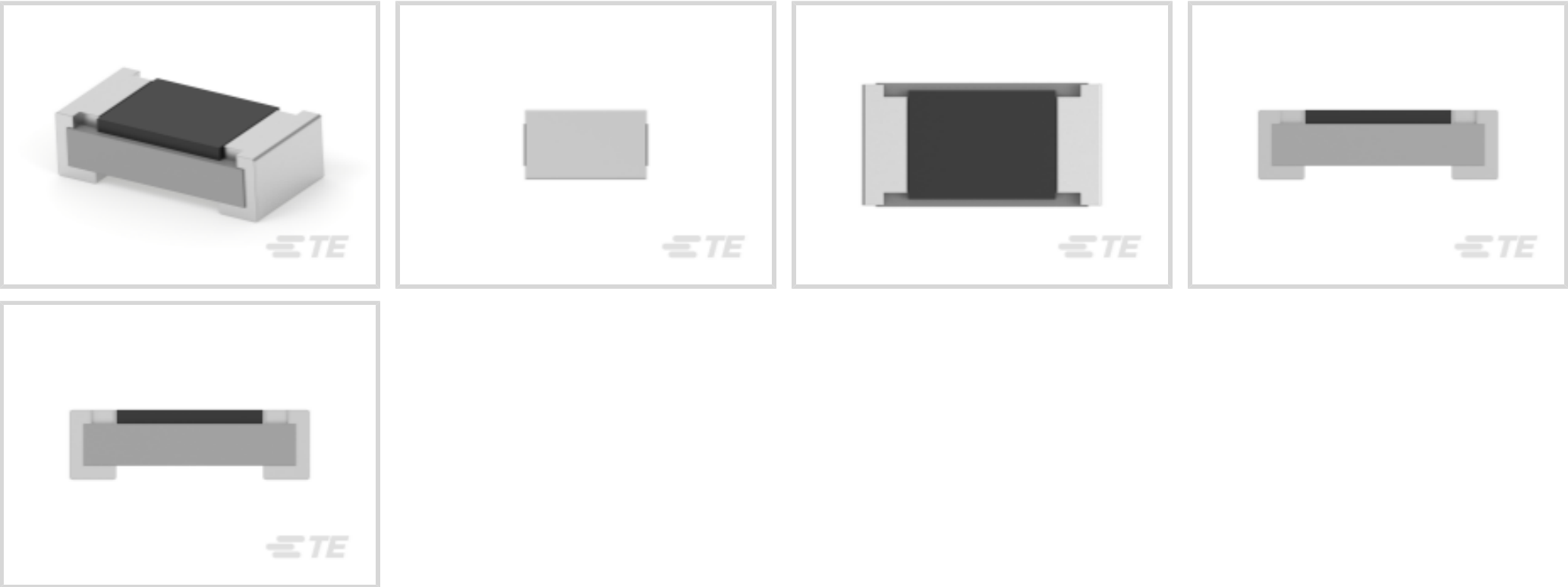




Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 10K Ω

Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 0603

Power Rating: .0625 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	10K Ω
Power Rating	.0625 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

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±25 ppm/°C

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>

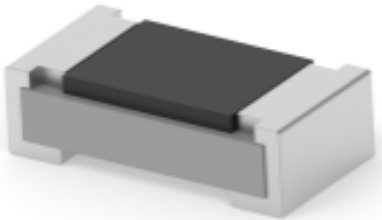
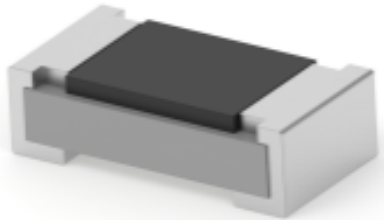
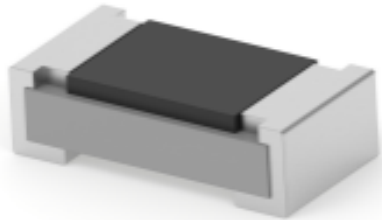
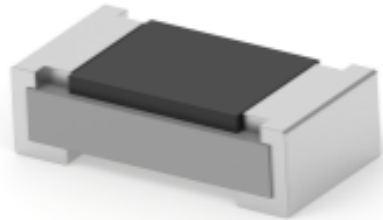
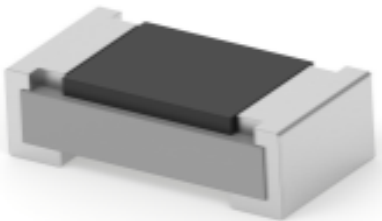
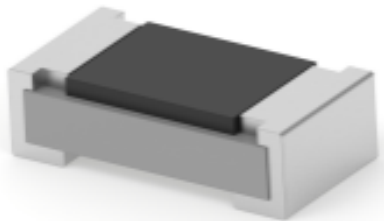
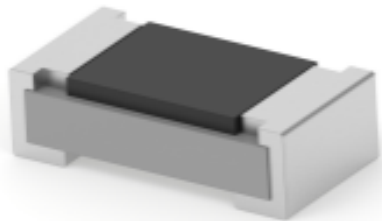
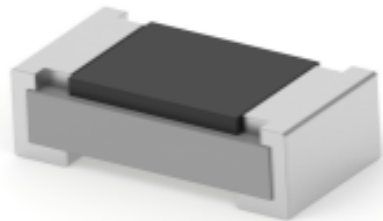
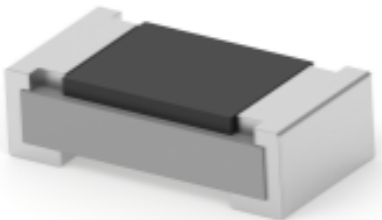
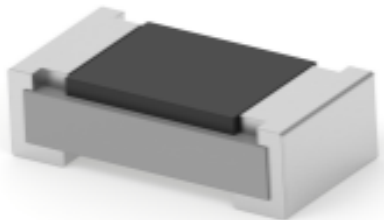
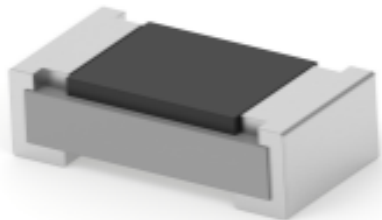
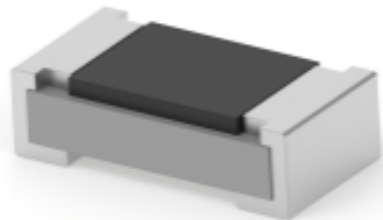
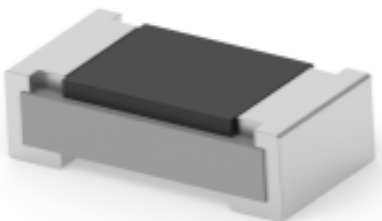
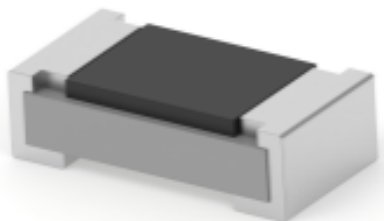
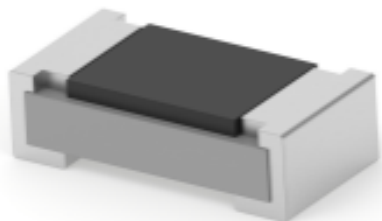
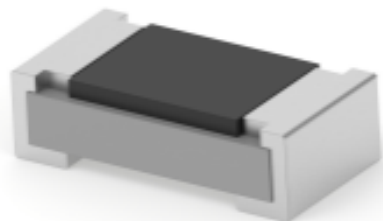
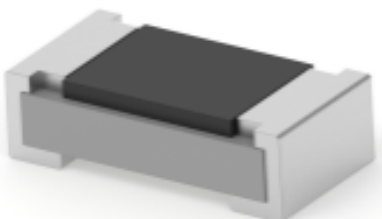
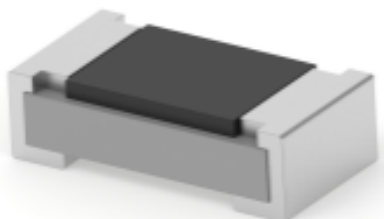
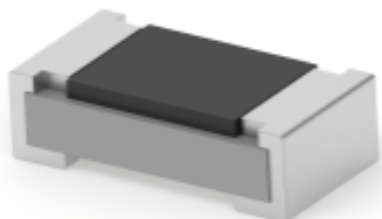
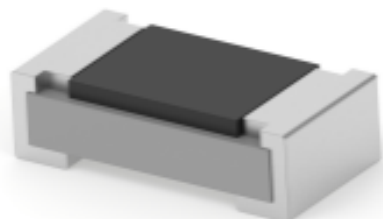
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 3-2176237-4 CPF A 0603 2K4 0.1% 25PPM 5K RL	 TE Part # 1-2176237-5 CPF A 0603 150R 0.1% 25PPM 5K RL	 TE Part # 2-2176237-1 CPF A 0603 390R 0.1% 25PPM 5K RL	 TE Part # 2-2176237-6 CPF A 0603 820R 0.1% 25PPM 5K RL
 TE Part # 3-2176237-7 CPF A 0603 4K02 0.1% 25PPM 5K RL	 TE Part # 4-2176237-0 CPF A 0603 6K2 0.1% 25PPM 5K RL	 TE Part # 4-2176237-7 CPF A 0603 20K 0.1% 25PPM 5K RL	 TE Part # 4-2176237-8 CPF A 0603 22K 0.1% 25PPM 5K RL
 TE Part # 3-2176237-0 CPF A 0603 1K8 0.1% 25PPM 5K RL	 TE Part # 5-2176237-7 CPF A 0603 68K 0.1% 25PPM 5K RL	 TE Part # 6-2176237-6 CPF A 0603 220K 0.1% 25PPM 5K RL	 TE Part # 5-2176237-5 CPF A 0603 51K 0.1% 25PPM 5K RL
 TE Part # 3-2176237-1 CPF A 0603 2K0 0.1% 25PPM 5K RL	 TE Part # 3-2176237-6 CPF A 0603 3K9 0.1% 25PPM 5K RL	 TE Part # 2-2176237-4 CPF A 0603 560R 0.1% 25PPM 5K RL	 TE Part # 2-2176237-2 CPF A 0603 470R 0.1% 25PPM 5K RL
 TE Part # 4-2176237-5 CPF A 0603 14K 0.1% 25PPM 5K RL	 TE Part # 4-2176237-6 CPF A 0603 15K 0.1% 25PPM 5K RL	 TE Part # 5-2176237-2 CPF A 0603 36K 0.1% 25PPM 5K RL	 TE Part # 6-2176237-3 CPF A 0603 120K 0.1% 25PPM 5K RL

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

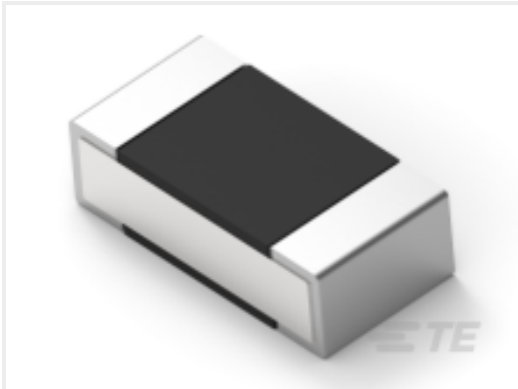


[Surface Mount Resistors\(5842\)](#)

Customers Also Bought



TE Part #5-2176371-4
[RQ 0603 16K5 0.1% 10PPM 5K RL](#)



TE Part #2-2176308-6
[RP 1E 0.1W 243K 0.1% 25PPM 5K RL](#)



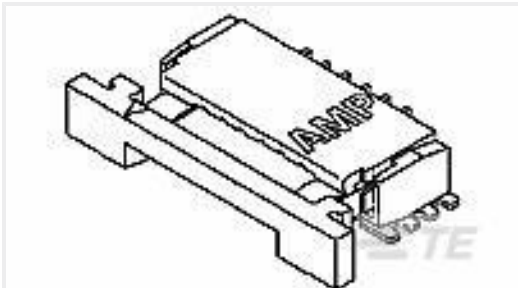
TE Part #8-2176070-7
[3521 39K 1% 2W](#)



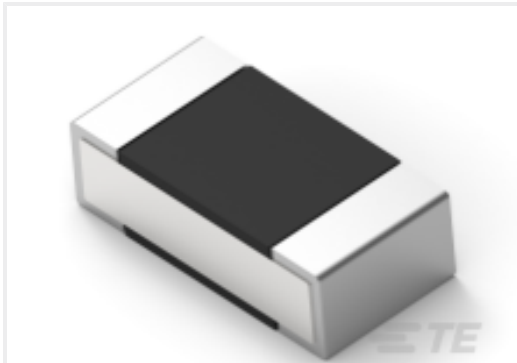
TE Part #87224-2
[02 MODII HDR SRST UNSHRD .100](#)



TE Part #1-1879208-1
[CPF 0402 27R 0.1% 25PPM 1K RL](#)



TE Part #84952-5
[1MM FPC HORZ.BTTM CONT.ASS.5P](#)



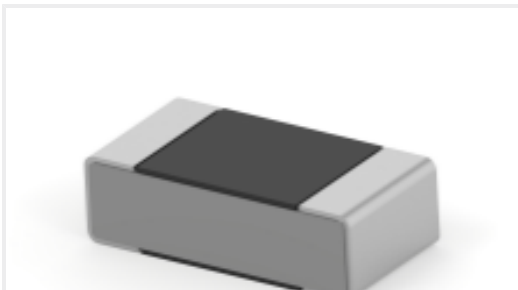
TE Part #1-2176308-2
[RP 1E 0.1W 174K 0.1% 25PPM 5K RL](#)



TE Part #CONSMA024-G
[SMA Jack 50 Ohm PCB Edge Mount](#)



TE Part #1879417-8
[CPF0603 1M0 0.1% 25PPM 5K RL](#)



TE Part #6-1879216-5
[CPF 0402 249K 0.1% 25PPM 1K RL](#)

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_4-2176237-2_A.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG_CVM_CVM_4-2176237-2_A.3d_igs.zip](#)

CPF-A-0603B10KE

10K ohm, Surface Mount Precision Resistor, Thin Film, 0603, .0625 W, .1 %, ±25 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, Neohm CPF



English

Customer View Model

[ENG_CVM_CVM_4-2176237-2_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Automotive Grade Thin Film Chip Resistor - Type CPF-A Series](#)

English