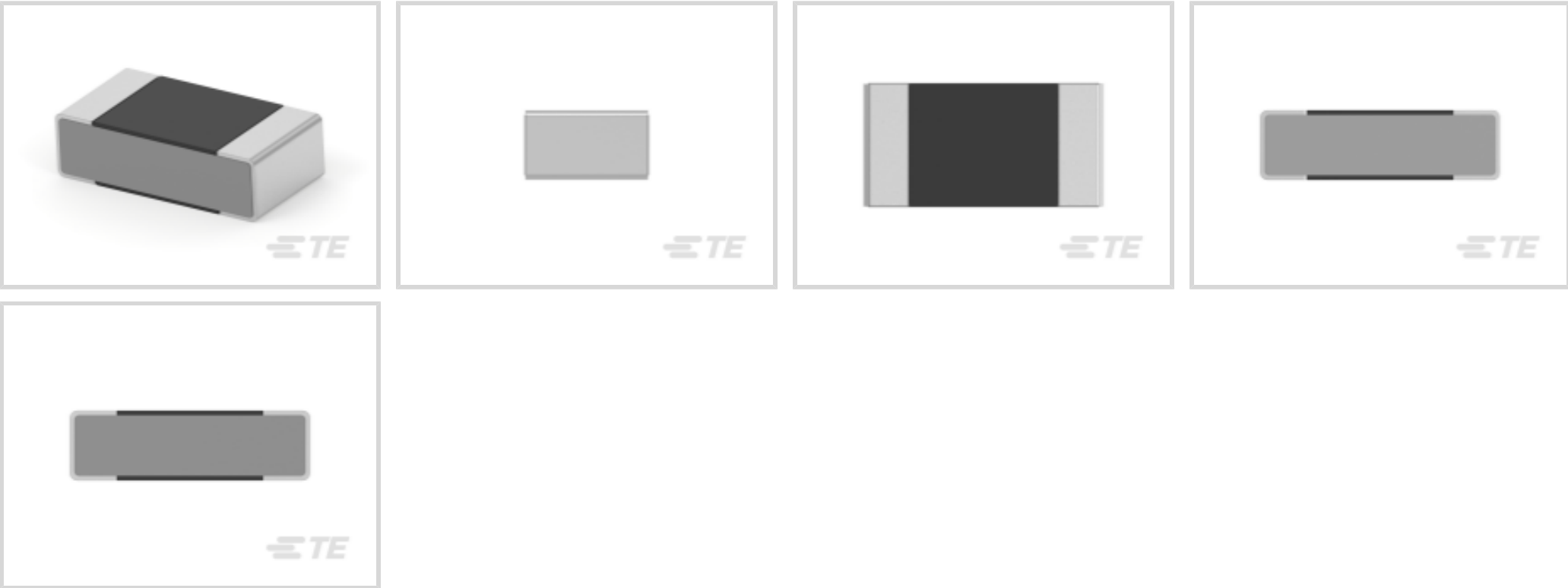




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**
Number of Terminations: **2**
Package Size Code: **0603**
Packaging Method: **Taped & Reeled**
Passive Component Tolerance: **.1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Package Size Code	0603
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	.1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	681K Ω
Power Rating	.063 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder



Dimensions

Passive Component Dimensions	1.55 x .8 x .45 mm
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Usage Conditions

Temperature Coefficient	± 25 ppm/ $^{\circ}\text{C}$
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 $^{\circ}\text{C}$

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

CPF0603B681KE1

681K Ω , Thin Film, Precision Resistor, .1 %, 2 Termination, 0603, Taped & Reeled, .063 W, ± 25 ppm/ $^{\circ}\text{C}$, Solder, 1.55 x .8 x .45 mm, Neohm CPF



TE Part # 7-1879417-2
CPF0603 665K 0.1% 25PPM 1K RL

TE Part # 7-1879417-4
CPF0603 698K 0.1% 25PPM 1K RL

Also in the Series | Neohm CPF

Surface Mount Resistors(6124)

Customers Also Bought

TE Part #413985-1
PLUG ASSY,STR,SMB

TE Part #T4141012051-000
M12 Panel Mount PCB

TE Part #281698-3
HEADER HE14 RA 3 P

TE Part #7-1614894-7
CPF0805 2M0 0.1% 25PPM 5K RL

TE Part #3-2176329-4
CRGP 1210 5K6 1%

TE Part #324043
TERMINAL,T-N R 8 10

TE Part #2359482-1
LUMAWISE ENDURANCE N+ 7P Base With Vent

Documents

Product Drawings

CPF0603 681K 0.1% 25PPM 1K RL

English

Datasheets & Catalog Pages

CPF-1016

English

CPF0603B681KE1

681K Ω , Thin Film, Precision Resistor, .1 %, 2 Termination, 0603, Taped & Reeled, .063 W, ± 25 ppm/ $^{\circ}$ C, Solder, 1.55 x .8 x .45 mm, Neohm CPF

