



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Ceramic Composition**

Power Rating: **2 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **1K Ω**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Ceramic Composition

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	400 V
Power Rating	2 W
Resistance Class	1kΩ – 1MΩ
Resistance Value	1K Ω
Passive Component Tolerance	10 %

Body Features

Lead Type	Axial-Leaded
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Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	19 x 7 mm
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Usage Conditions

Operating Temperature Range	-40 – 200 °C[-40 – 392 °F]
Temperature Coefficient	±1300 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Box
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°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

CCR21K0KB

1K ohm, Ceramic Composition, Power Resistor, 10 %, 2 W, ±1300 ppm/°C, Axial-Leaded, Copper Termination, 19 x 7 mm, Loose Piece - Box, CGS CCR



TE Part # 4-1623720-5
CCR2 27R 10% TAPED



TE Part # 1-1623719-5
CCR1 47K 10%



TE Part # 1-1623720-9
CCR2 3R3 10%



TE Part # 1879317-3
CCR1/2 47R 10% TAPED



TE Part # 2-1623720-1
CCR2 5R6 10%



TE Part # 2-2176471-8
HPCR 0819 A 10% 1K0 Std T&R



TE Part # 1-1623720-8
CCR2 68R 10% BULK



TE Part # 1-1623719-0
CCR1 47R 10%



TE Part # 1-1623719-7
CCR1 10R 10% TAPED



TE Part # 1-1623719-8
CCR1 2K2 10%



TE Part # 1623720-7
CCR2 22R 10%



TE Part # 3-1623720-3
CCR2 1K5 10% BULK



TE Part # 1623720-2
CCR2 10K 10%



TE Part # 2-1623720-5
CCR2 18R 10%



TE Part # 3-1623720-7
CCR2 3K3 10% BULK



TE Part # 1879317-2
CCR1/2 10R 10% TAPED



TE Part # 1879317-4
CCR1/2 100R 10% TAPED



TE Part # 1623719-3
CCR1 33R 10%



TE Part # 1623720-6
CCR2 22K 10%



TE Part # 2-1623720-8
CCR2 56R 10%

Also in the Series | CGS CCR



[Through-Hole Resistors\(72\)](#)

Customers Also Bought



TE Part #ANT-433-HETH
[Antenna 1/4 Wave Coil 433MHz THM](#)



TE Part #934922-000
[RMW-75/22-1200/ADH-0](#)



TE Part #ANT-433-USP410
[Antenna uSP PCB RPC 410 433MHz SMT T&R](#)



TE Part #T4112401051-000
[M12,FEMALE,RA,B CODE,5P,PG7, GOLD](#)



TE Part #710032-4
[XCT 6-6](#)



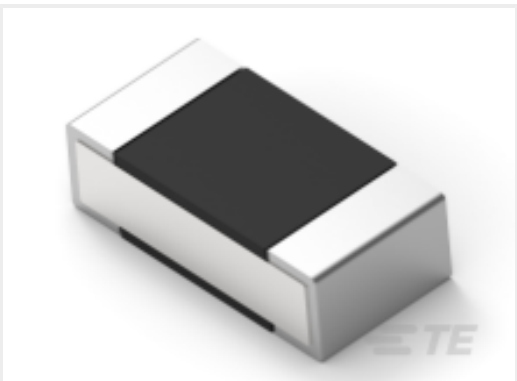
TE Part #2-794617-2
[22POS,MICRO MNL,RCPT HSG](#)



TE Part #2-1623925-2
[CFR100 5% 220R](#)



TE Part #CAT-C339-T2201
[Wirewound Resistor: Mineral, 2.5 Kw](#)



TE Part #2176308-1
[RP 1E 0.1W 133K 0.1% 25PPM 5K RL](#)

Documents

Product Drawings

[CCR2 1K0 10%](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1623720-4_BA.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1623720-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1623720-4_BA.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

[Ceramic Composition Resistors - Type CCR Series - Tyco Electronics Passives](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English