



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**
Passive Component Dimensions: **16.5 x 5.5 mm**
Number of Terminations: **2**
Packaging Method: **Loose Piece - Box**
Passive Component Tolerance: **10 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Ceramic Composition

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	300 V
Passive Component Tolerance	10 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	10K Ω
Power Rating	1 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	16.5 x 5.5 mm
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Usage Conditions

Operating Temperature Range	-40 – 200 $^{\circ}\text{C}$
Temperature Coefficient	± 1300 ppm/ $^{\circ}\text{C}$

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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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	Wave solder capable to 265 $^{\circ}\text{C}$

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

CCR110KKB

10K Ω , Ceramic Composition, Power Resistor, 10 %, 16.5 x 5.5 mm, 2 Termination,
Loose Piece - Box, 1 W, ± 1300 ppm/ $^{\circ}\text{C}$, CGS CCR



TE Part # 1-1623720-2
CCR2 4R7 10%



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



TE Part # 3-1623720-2
CCR2 220K 10%



TE Part # 1623719-6
CCR1 1K0 10%



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



TE Part # 1-1623719-3
CCR1 4K7 10%



TE Part # 3-1623720-0
CCR2 100K 10%



TE Part # 1623720-4
CCR2 1K0 10%



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



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



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



TE Part # 1623720-3
CCR2 10R 10%



TE Part # 1623719-5
CCR1 100R 10%



TE Part # 1623719-9
CCR1 15R 10%



TE Part # 1623719-4
CCR1 22R 10%



TE Part # 1623720-1
CCR2 100R 10%



TE Part # 1623720-2
CCR2 10K 10%



TE Part # 2-1623720-9
CCR2 15K 10%



TE Part # 1623720-5
CCR2 220R 10%



TE Part # 1623720-6
CCR2 22K 10%

Also in the Series | CGS CCR

CCR110KKB

10K Ω , Ceramic Composition, Power Resistor, 10 %, 16.5 x 5.5 mm, 2 Termination,
Loose Piece - Box, 1 W, ± 1300 ppm/ $^{\circ}\text{C}$, CGS CCR



Through-Hole Resistors(72)

Customers Also Bought



TE Part #5050864-5
SOCKET,MIN-SPR W/H SN-AU SER-3



TE Part #3-1625999-6
HSC100 47R 5%



TE Part #350417-1
.093 COMM P&S SOK 18-24 PTPBR



TE Part #32951
PG R 22-16 COMM 22-18 MIL 8



TE Part #5228686-1
TWIN BNC PCB RCPT



TE Part #1-1623720-0
CCR2 47R 10%



TE Part #8-1393254-7
W92-X113-20=M6/M7/M9/W6/W7



TE Part #ZPF000000000114150
502-8026-00



TE Part #ZPF000000000122612
502-8027-00



TE Part #ZPF000000000140397
502-8029-00

Documents

Product Drawings

CCR1 10K 10%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1623719-4_BA.2d_dxf.zip

CCR110KKB

10K Ω , Ceramic Composition, Power Resistor, 10 %, 16.5 x 5.5 mm, 2 Termination,
Loose Piece - Box, 1 W, ± 1300 ppm/ $^{\circ}\text{C}$, CGS CCR



English

Customer View Model

[ENG_CVM_CVM_1-1623719-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1623719-4_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