



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**
Element Type: **Ceramic Composition**
Power Rating: **1 W**
Resistance Class: **Up to 1kΩ**
Resistance Value: **4.7 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	300 V
Power Rating	1 W
Resistance Class	Up to 1kΩ
Resistance Value	4.7 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	16.5 x 5.5 mm
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Usage Conditions

Operating Temperature Range	-40 – 200 °C[-40 – 392 °F]
Temperature Coefficient	±900 ppm/°C

Packaging Features

Packaging Method	Tape
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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	有害物质含量符合标准要求 No 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

CCR14R7KT

4.7 ohm, Ceramic Composition, Power Resistor, 10 %, 1 W, ±900 ppm/°C, Axial-Leaded, Copper Termination, 16.5 x 5.5 mm, Tape, 2 Terminations, CGS CCR



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

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

TE Part # 1-1623719-2
CCR1 470R 10%

TE Part # 1-1623719-4
CCR1 10K 10%

TE Part # 1623720-4
CCR2 1K0 10%

Also in the Series | CGS CCR

Through-Hole Resistors(72)

Customers Also Bought

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts

TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

TE Part #206070-8
CABLE CLAMP KIT #17

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



Documents

Product Drawings

CCR1 4R7 10% TAPED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1623719-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1623719-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1623719-2_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

Ceramic Composition Resistors - Type CCR Series - Tyco Electronics Passives

English