



Passive Components > Resistors > Through-Hole Resistors



Resistance Value: **68 Ω**

Resistor Type: **Power Resistor**

Element Type: **Ceramic Composition**

Power Rating: **2 W**

Resistance Class: **Up to 1kΩ**

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
Resistance Value	68 Ω
Power Rating	2 W
Resistance Class	Up to 1kΩ
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
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	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

CCR268RKB

68 ohm, Through-Hole Power Resistor, Ceramic Composition, 2 W, 10 %, ±1300 ppm /°C, Axial-Leaded, Copper Termination, 19 x 7 mm, CGS CCR



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



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



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



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



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



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



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



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



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



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



TE Part # 1623720-7
CCR2 22R 10%



TE Part # 1623720-2
CCR2 10K 10%



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



TE Part # 2-1623720-3
CCR2 8R2 10%



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



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



TE Part # 1623720-6
CCR2 22K 10%



TE Part # 1623720-4
CCR2 1K0 10%



TE Part # 1-2176471-4
HPCR 0819 A 10% 68R Std T&R



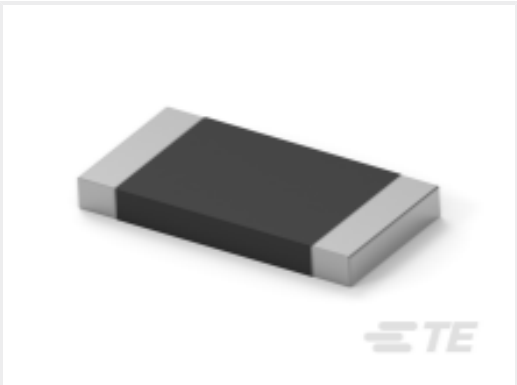
TE Part # 1623719-3
CCR1 33R 10%

Also in the Series | CGS CCR



Through-Hole Resistors(72)

Customers Also Bought



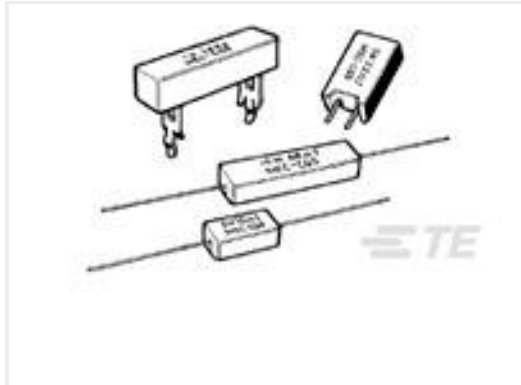
TE Part #3-2176422-2
TLRP 2512 3.0W R050 1% 25PPM 4K RL



TE Part #2176329-9
CRGP 1210 47R 1%



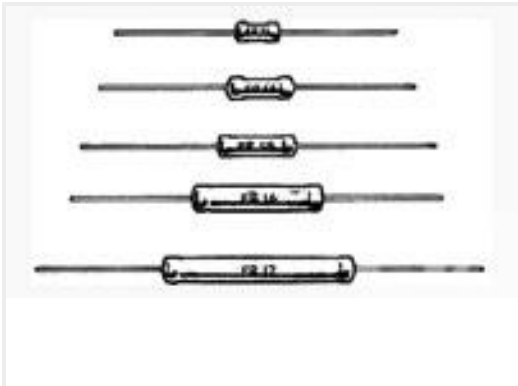
TE Part #292227-7
1.5 MINI CT SGL H SMT W BOSS 7



TE Part #1623783-7
SQM7 22K 5% (METAL FILM)



TE Part #292227-3
1.5 MINI CT SGL H SMT W BOSS 3



TE Part #1623750-9
ER58 1K0 5% AMMO



TE Part #292227-6
1.5 MINI CT SGL H SMT W BOSS 6



TE Part #2301841-1
AMPL REC HD20, VERT, 25P, B/L,4-40 INS



TE Part #1415899-1
RZ01-1A4-D005



TE Part #1623720-8
CCR2 470R 10%

Documents

Product Drawings
CCR2 68R 10% BULK

English

CAD Files
Customer View Model
ENG_CVM_CVM_1-1623720-8_BA.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-1623720-8_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1623720-8_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

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English

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

English