CCR2220RKB ✔ ACTIVE

CGS | CGS CCR

TE Internal #: 1623720-5

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

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Ceramic Composition**

Power Rating: **2 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **220 Ω**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Ceramic Composition

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	400 V
Power Rating	2 W
Resistance Class	Up to 1kΩ
Resistance Value	220 Ω
Passive Component Tolerance	10 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	19 x 7 mm

Usage Conditions

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

Packaging Features

Packaging Method	Loose Piece - Box

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	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 2023 (235) 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



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



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



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



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



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



TE Part # 1623720-4
CCR2 1K0 10%



TE Part # 2-2176471-0
HPCR 0819 A 10% 220R Std T&R

Also in the Series | CGS CCR



Through-Hole Resistors(72)

Customers Also Bought



TE Part #800323-SF
FN1394-10-05-11



TE Part #T4032014041-000
M8.MLE.PNLFRONT.4POS.STR.



TE Part #GA10K3CG3
CHPG-NTC CHIP THERMISTORS



TE Part #5053372012
RNF-100-1-1/2-6-STK



TE Part #1-1337481-0
SMB R/A PCB Skt 50Ohm Gold Plt



TE Part #3-1416100-2
ST3P3LC4



TE Part #1676153-2
RN 0805 10K 0.1% 10PPM 1KRL



TE Part #1676165-2
RN 0805 11K 0.1% 10PPM 1KRL



TE Part #2-1879135-8
RN 0603 200K 0.1% 10PPM 1K RL

TE Part #1SNA113690R2100
ECP31

Documents

Product Drawings

CCR2 220R 10%

English

CAD Files

Customer View Model

ENG_CVM_CVM_1623720-5_BA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1623720-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1623720-5_BA.3d_stp.zip

English

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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