



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**  
Element Type: **Ceramic Composition**  
Power Rating: **2 W**  
Resistance Class: **Up to 1k $\Omega$**   
Resistance Value: **220  $\Omega$**

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	Up to 1k $\Omega$
Resistance Value	220 $\Omega$
Passive Component Tolerance	10 %

Body Features

Lead Type	Axial-Leaded
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Termination Features

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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	Taped
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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: JAN 2024 (240) 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°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

CCR2220RKT

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



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

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 # 2-2329328-0  
PB OFF/ON HC BLU M4 TERM. IP68

TE Part # 2329359-9  
PB ON/OFF HC GRE M1 TERM IP68  
500MM LHS

TE Part # 1-1625893-3  
5W SM M/OX 2% 22R

TE Part # 9-2176415-0  
8W STD M/OX 5% 150K

TE Part # 9-2176415-1  
8W STD M/OX 5% 160K

TE Part # 1-2176391-0  
RQ 1206 15K4 0.1% 10PPM 5K RL

TE Part # 3954384002  
CGPE-105-1/2-0-SP

TE Part # 20014203-12  
PRESS XDCR M325M-000005-250PG

TE Part # 2-2176455-5  
CPF 0402 7R5 0.1% 25ppm 1K RL

TE Part # 5-146496-2  
04 MODII HDR DRST UNSHRD STKG



Documents

Product Drawings

CCR2 220R 10% TAPED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-1623720-9\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1623720-9\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-1623720-9\_BA.3d\_stp.zip

English

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