

# CGS | CGS CCR

TE Internal #: 3-1623720-9

Power Resistor, Ceramic Composition, 2 W, 220  $\Omega$ , 10 %,  $\pm 1300$  ppm/°C, Axial-Leaded, Copper Termination, 19 x 7 mm, Taped, 2

Termination, CGS CCR

View on TE.com >



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: Power Resistor

Element Type: Ceramic Composition

Power Rating: 2W

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
Electrical Characteristics	
Operating Voltage	400 V
Power Rating	2 W
Resistance Class	Up to $1k\Omega$
Resistance Value	220 Ω
Passive Component Tolerance	10 %
Body Features	
Lead Type	Axial-Leaded



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
Temperature Coefficient	±1300 ppm/°C
Packaging Features	
Packaging Method	Taped

# **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**







# Also in the Series | CGS CCR



# Customers Also Bought



PB OFF/ON HC BLU M4 TERM. IP68



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









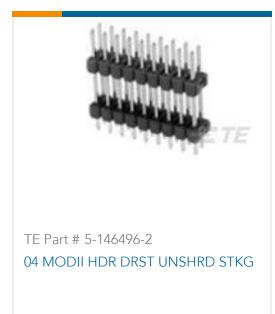




CGPE-105-1/2-0-SP









# **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

By downloading the CAD file I accept and agree to the **Terms and Conditions**of use.