

## CGS | CGS SBC

TE Internal #: 5-1623732-6

8.2 ohm, Through-Hole Power Resistor, Wire Wound, 7 W, 5 %, ±400 ppm/°C, Axial-Leaded, Copper Termination, 38 x 7 x 8 mm,

Loose Piece - Box, CGS SBC

View on TE.com >



Passive Components > Resistors > Through-Hole Resistors > Wirewound Resistor: Vertical Mount



Resistance Value:  $8.2 \Omega$ 

Resistor Type: **Power Resistor**Element Type: **Wire Wound** 

Power Rating: 7 W

Resistance Class: Up to  $1k\Omega$ 

All Wirewound Resistor: Vertical Mount (166)

## **Features**

## **Product Type Features**

Resistor Type	Power Resistor
Element Type	Wire Wound
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Resistance Value	8.2 Ω
Power Rating	7 W
Resistance Class	Up to $1k\Omega$
Passive Component Tolerance	5 %
Body Features	
Lead Type	Axial-Leaded
Termination Features	
Termination Area Base Material	Copper
Number of Terminations	2
Dimensions	

38 x 7 x 8 mm

Passive Component Dimensions



#### **Usage Conditions**

Operating Temperature Range	-55 – 350 °C
Temperature Coefficient	±400 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	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) 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

8.2 ohm, Through-Hole Power Resistor, Wire Wound, 7 W, 5 %,  $\pm$ 400 ppm/°C, Axial-Leaded, Copper Termination, 38 x 7 x 8 mm, Loose Piece - Box, CGS SBC

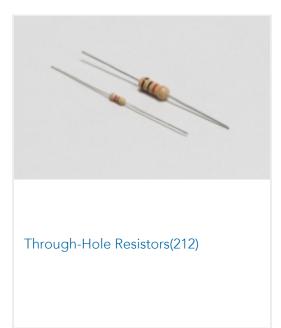






## Also in the Series | CGS SBC





# Customers Also Bought





















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## **Documents**

**Product Drawings** 

BCHE 7 W 8R2 5%

English

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

High Power Resistor - Type SBC (Square Ceramic) Series - Tyco Electronics Passives

English