

### CGS | CGS SQ

TE Internal #: 1623789-7

 $1 \Omega$ , Wire Wound, Power Resistor, 5 %,  $39 \times 13 \times 9 \text{ mm}$ ,  $2 \times 10^{-2}$ 

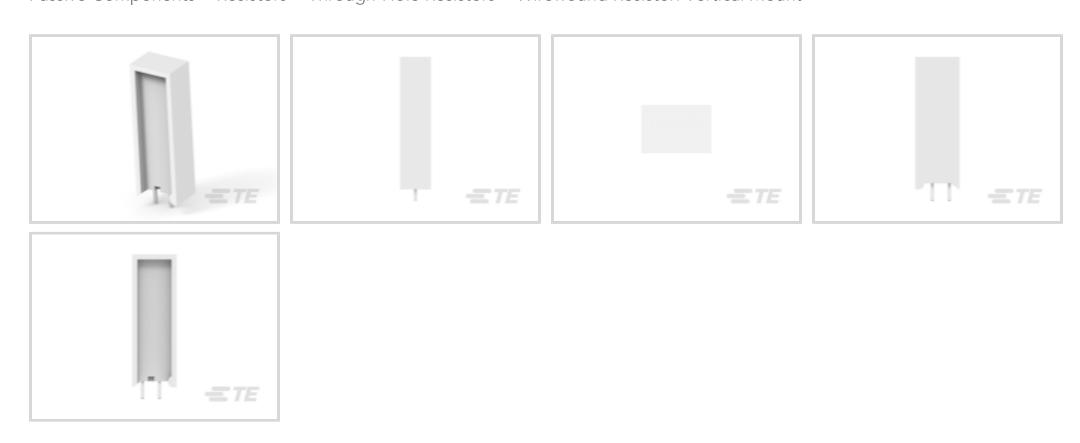
Termination, Loose Piece - Box, 7 W, ±300 ppm/°C, Tinned Copper

Leads Termination, CGS SQ

View on TE.com >



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



Resistor Type: Power Resistor

Passive Component Dimensions: 39 x 13 x 9 mm

Number of Terminations: 2

Packaging Method: Loose Piece - Box
Passive Component Tolerance: 5 %

Passive Component Lead Type

All Wirewound Resistor: Vertical Mount (202)

### **Features**

### **Product Type Features**

Product Type Features	
Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Wire Wound
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Passive Component Tolerance	5 %
Resistance Class	Up to $1k\Omega$
Resistance Value	1 Ω
Power Rating	7 W
Body Features	

Radial-Leaded



#### **Termination Features**

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads
Dimensions	
Passive Component Dimensions	39 x 13 x 9 mm
Usage Conditions	
Operating Temperature Range	-55 – 250 °C
Temperature Coefficient	±300 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: JUNE 2023 (235) 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

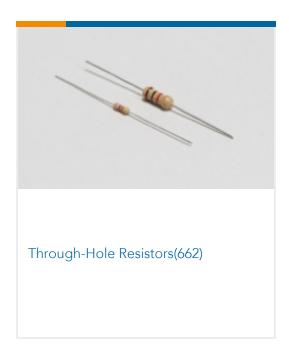
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 SQ



## Customers Also Bought















## **Documents**

Product Drawings SQM7 1R0 5% (WIRE)

English

### **CAD Files**

Customer View Model ENG\_CVM\_CVM\_1623789-7\_BB.3d\_igs.zip 1  $\Omega$ , Wire Wound, Power Resistor, 5 %, 39 x 13 x 9 mm, 2 Termination, Loose Piece - Box, 7 W,  $\pm 300$  ppm/°C, Tinned Copper Leads Termination, CGS SQ



English

**Customer View Model** 

ENG\_CVM\_CVM\_1623789-7\_BB.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1623789-7\_BB.2d\_dxf.zip

English

3D PDF

3D

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

High Power Resistors - Type SQ Series

English

8-1773459-4\_POWER\_FILTERING\_AND\_RESISTIVE\_SOLUTIONS\_FOR\_ELEVATORS\_AND\_ESCALATORS

English