



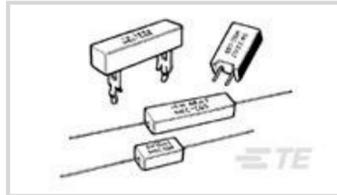
CGS | CGS SQ

TE Internal #: 2-1879009-3

100 ohm, Wire Wound, Power Resistor, 5 %, 30 W,  $\pm 300$  ppm/ $^{\circ}$ C, Radial-Leaded FASTON, 39.5 x 19 mm, Loose Piece - Box, 2 Terminations, CGS SQ

[View on TE.com >](#)

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



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **30 W**

Resistance Class: **Up to 1k $\Omega$**

Resistance Value: **100  $\Omega$**

[All Wirewound Resistor: Horizontal Mount \(152\)](#)

## Features

### Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Power Rating	30 W
Resistance Class	Up to 1k $\Omega$
Resistance Value	100 $\Omega$
Passive Component Tolerance	5 %

### Body Features

Lead Type	Radial-Leaded FASTON
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### Termination Features

Number of Terminations	2
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### Dimensions

Passive Component Dimensions	39.5 x 19 mm
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### Usage Conditions



Operating Temperature Range	-55 – 250 $^{\circ}\text{C}$ [-67 – 482 $^{\circ}\text{F}$ ]
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Temperature Coefficient	$\pm 300$ ppm/ $^{\circ}\text{C}$
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### Packaging Features

Packaging Method	Loose Piece - Box
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265 $^{\circ}\text{C}$
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#### 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 # CAT-C339-SQ1  
Wirewound Resistor: Vertical Mount

### Also in the Series | CGS SQ



Through-Hole Resistors(659)

### Customers Also Bought



TE Part #EEC-5X650A  
ENCLOSURE, 5 X 6.50, BLK, VENT



TE Part #DT06-12SC-C015  
PLG, 12P, GRN, E, C



TE Part #04-1103-0008  
PT1MA-20-UP-420E-M6



TE Part #T41513C9L25-002  
RPC-M12L-5FS-1.0-PUR 16AWG GY



TE Part #1-111506-8  
016 UNIV I/O 30DP SLOT LTCH



TE Part #454276-1  
FLOATING SHEAR



TE Part #2081390-5  
CA,FAKRA F TO F,DACAR462,W SLIP,  
WP,3M



TE Part #2-2176308-5  
RP 1E 0.1W 237K 0.1% 25PPM 5K RL



TE Part #2307383-1  
1POS,FAKRA AUT,SOC HSG ASSY,  
SLD,180 DEG



TE Part #5177986-6  
0.8FH,P05H.5,140,08/Sn,TR,SC



## Documents

### Product Drawings

[SQB30 100R 5% 6.35MM FASTON](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1879009-3\\_BA1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1879009-3\\_BA1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1879009-3\\_BA1.2d\\_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### 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