



CGS | CGS SQ

TE Internal #: 1879009-4

2.2 ohm, Wire Wound, Power Resistor, 5 %, 30 W, ± 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 Ω**

Resistance Value: **2.2 Ω**

[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 Ω
Resistance Value	2.2 Ω
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	± 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 #1586852-1
04P UMNL PLUG HSG, GW



TE Part #1586856-1
02P UMNL CAP HSG, GW



TE Part #1586953-1
02P UMNL PIN HDR ASSY NATL, GW



TE Part #1744036-3
03P ECONOMY POWER .200 CL HSG



TE Part #1744036-6
06P ECONOMY POWER .200 CL HSG



TE Part #1744037-6
06P EC PWR.200 CL HDR ASSY VRT



TE Part #1969798-1
02P UMNL PIN HDR ASSY NATL, PIN V0 GW



TE Part #1969803-1
03P UMNL PIN HDR ASSY NATL, PIN V0 GW



TE Part #1969807-1
04P UMNL PIN HDR ASSY, PIN V0 GW



TE Part #1969814-1
06P UMNL PIN HDR ASSY, PIN V0 GW



Documents

Product Drawings

[SQB30 2R2 5% 6.35MM FASTON](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1879009-4_BA1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1879009-4_BA1.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1879009-4_BA1.3d_igs.zip](#)

English

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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