# SQMW51R0J ✔ ACTIVE

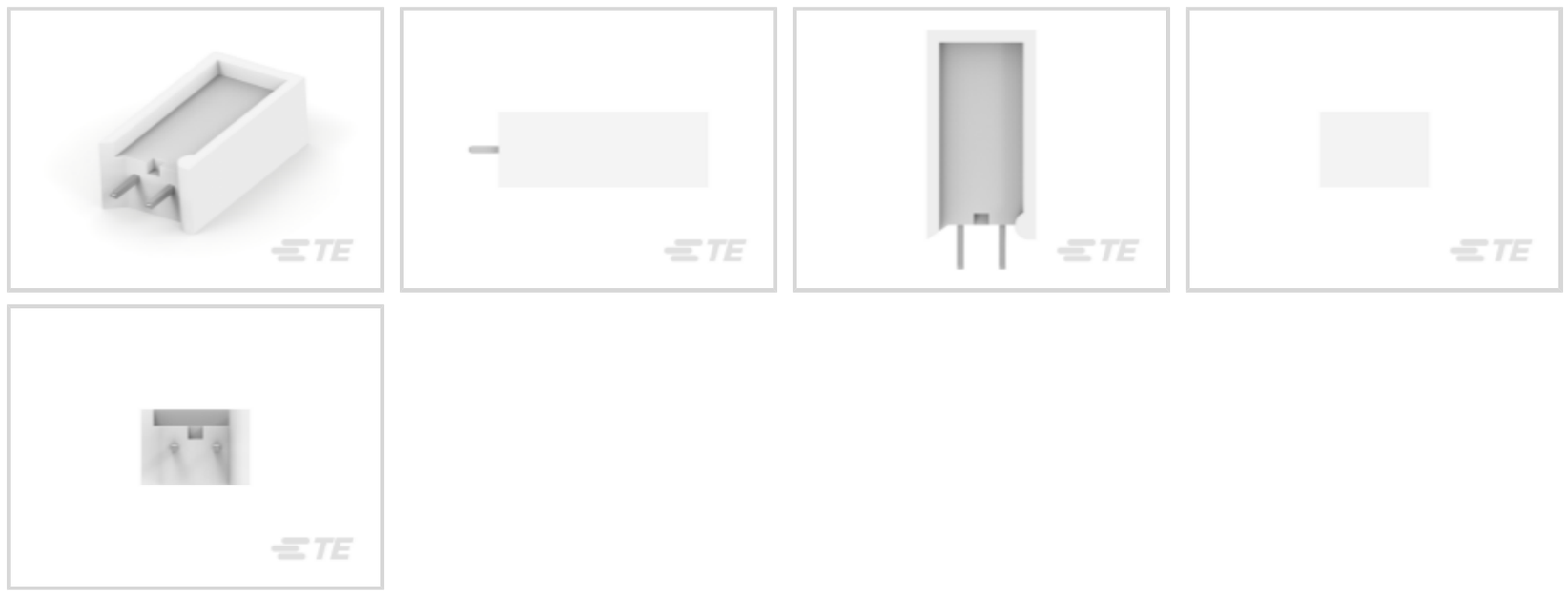
CGS | CGS SQ

TE Internal #: 1623788-9

Power Resistor, Wire Wound, 5 W, 1 Ω, 5 %, ±300 ppm/°C, Radial-Leaded, Copper Termination, 25 x 13 x 9 mm, Loose Piece - Box, 2 Termination, CGS SQ

View on TE.com >

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



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **5 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **1 Ω**

All Wirewound Resistor: Vertical Mount (202)

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Power Resistor |
| Element Type | Wire Wound |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Power Rating | 5 W |
| Resistance Class | Up to 1kΩ |
| Resistance Value | 1 Ω |
| Passive Component Tolerance | 5 % |

### Body Features

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|---|---|
| Lead Type | Radial-Leaded |

### Termination Features

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|---|---|
| Termination Area Base Material | Copper |
| Number of Terminations | 2 |

### Dimensions

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|---|---|
| Passive Component Dimensions | 25 x 13 x 9 mm |

### Usage Conditions

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|---|---|
| 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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



TE Part # CAT-C339-SQ1
Wirewound Resistor: Vertical Mount

## Also in the Series | CGS SQ



Through-Hole Resistors(662)

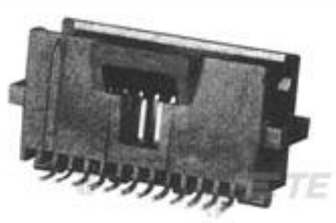
## Customers Also Bought



TE Part # 2273000-1
M8 x 1.0 straight plug Pigtail



TE Part # 1-1623788-8
Wirewound Resistor: Vertical Mount



TE Part # 5-104549-2
20 SYS50 S/M HDR DRST SHRDSN



TE Part # 5-1437624-9
PKG40B1/8=KNOB PLASTIC 1/8 LEX



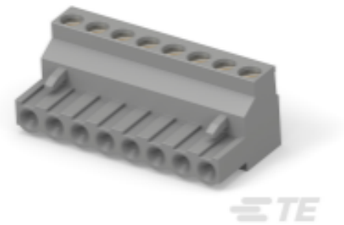
TE Part # 6-2176092-1
RP 2A 0.25W 3K24 0.1% 25PPM 1K RL



TE Part # 4-2176088-5
RP 1J 0.166W 2K55 0.1% 25PPM 1K RL



TE Part # 770156-2
4P CMNL IDC PLUG 22AWG RED V2



TE Part # 4-1546108-4
EUROSTYLE TB,PLUG,GREY,STKG 8P

## Documents

### Product Drawings

SQM5 1R0 5% (WIRE)

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_1623788-9_BB.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1623788-9_BB.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1623788-9_BB.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof 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