



CGS | CGS SQ

TE Internal #: 4-1623795-3

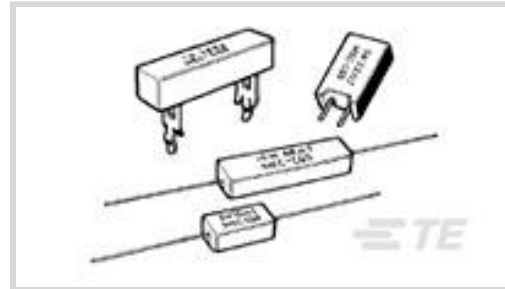
.047 Ω, Wire Wound, Power Resistor, 5 %, 22 x 10 x 9 mm, 2

Termination, Loose Piece - Box, 5 W, ±300 ppm/°C, Tinned Copper

Leads Termination, CGS SQ

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



Resistor Type: **Power Resistor**

Passive Component Dimensions: **22 x 10 x 9 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Box**

Passive Component Tolerance: **5 %**

[All Wirewound Resistor: Horizontal Mount \(157\)](#)

## Features

### Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Wire Wound

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Voltage Rating	350 V
Passive Component Tolerance	5 %
Resistance Class	Up to 1kΩ
Resistance Value	.047 Ω
Power Rating	5 W

### Body Features

Passive Component Lead Type	Axial-Leaded
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### Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads



### Dimensions

Passive Component Dimensions	22 x 10 x 9 mm
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### Usage Conditions

Operating Temperature Range	-55 – 250 $^{\circ}\text{C}$
Temperature Coefficient	$\pm 300$ ppm/ $^{\circ}\text{C}$

### Packaging Features

Packaging Method	Loose Piece - Box
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### Product Compliance

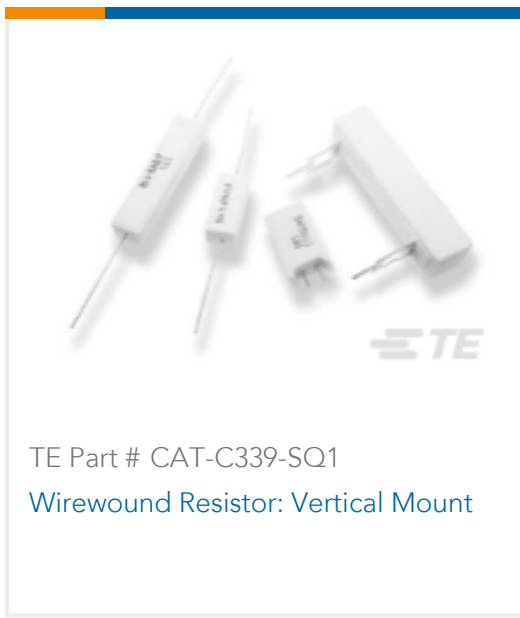
For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

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: JAN 2022 (223) 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 $^{\circ}\text{C}$

#### 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 #5-1419102-4  
T9AP5D52-12



TE Part #1462039-2  
IM07CGR=IM RELAY 200mW 24V HDV



TE Part #1-292250-0  
CT P/HDR BOX H ASSY 10P W/KINK



TE Part #4-6609089-8  
16WGF1=F4338E



TE Part #1-1879453-9  
TE 1000W 33R 5% Bracket



TE Part #2238106-1  
250 POS LOCK REC FLAG 12-10



TE Part #35109  
TERMINAL,PIDG R 12-10 10



TE Part #1-2600023-1  
2CCT GREY PLUG W/LARGE SEAL



TE Part #2138622-1  
RELAY, EVC135, 26 OHM COIL (15" WIRE)



TE Part #1-2840573-1  
PCON12,TERMINAL,FAM SLD/UNSLD



## Documents

### Product Drawings

[SQP5 R047 5% WIRE](#)

English

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### 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