

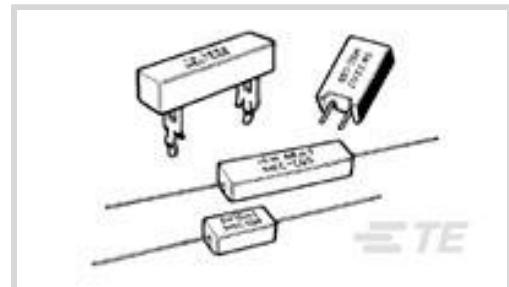
SQPW5R033J ✓ ACTIVE

CGS | CGS SQ

TE Internal #: 4-1623795-2

Through-Hole Power Resistor, Wire Wound, 5 W, .033 ohm, 5 %,
±300 ppm/°C, Axial-Leaded, Copper Termination, 22 x 10 x 9 mm,
Loose Piece - Box, 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: **5 W**Resistance Class: **Up to 1kΩ**Resistance Value: **.033 Ω**[All Wirewound Resistor: Horizontal Mount \(156\)](#)

Features

Usage Conditions

| | |
|-----------------------------|--------------|
| Operating Temperature Range | -55 – 250 °C |
| Temperature Coefficient | ±300 ppm/°C |

Electrical Characteristics

| | |
|-----------------------------|-----------|
| Operating Voltage | 350 V |
| Power Rating | 5 W |
| Resistance Class | Up to 1kΩ |
| Resistance Value | .033 Ω |
| Passive Component Tolerance | 5 % |

Product Type Features

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

Configuration Features

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

Body Features

| | |
|-----------|--------------|
| Lead Type | Axial-Leaded |
|-----------|--------------|

Termination Features

Termination Area Base Material

Copper

Number of Terminations

2

Dimensions

Passive Component Dimensions

22 x 10 x 9 mm

Packaging Features

Packaging Method

Loose Piece - Box

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

Product ComplianceFor 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 2024 (241)

Candidate List Declared Against: JUNE 2024 (241)

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 $^{\circ}$ C

Product Compliance Disclaimer

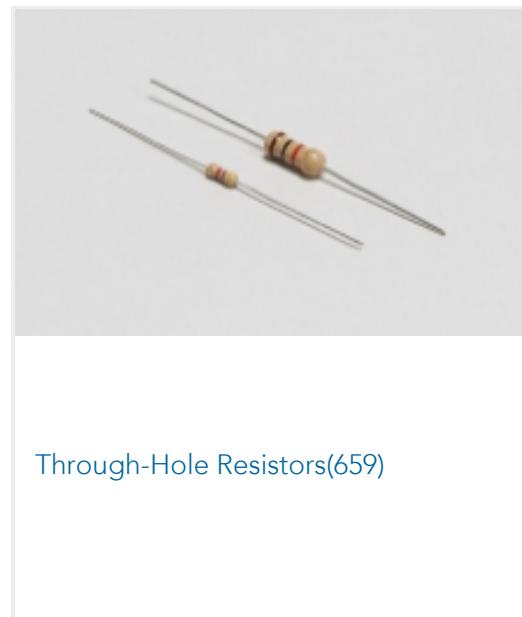
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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(659)

Customers Also Bought



TE Part #5499206-1
A/L UNIV HDR 10P VERT LG LAT



TE Part #1-5745967-0
25 RCPT SP/FMS INSRT



TE Part #213729-9
CPC RECPT ASSEMBLY SIZE 17-14



TE Part #796636-5
SPOS 5.08MM CE VRT HDR,TRM BLK



TE Part #1-1337452-0
BNC Ins BHSkt 50Ohm Nickel Gol



TE Part #2-826925-0
MOD 2 PIN HDR.1X20P



TE Part #7-1437667-1
4DB-R108-02=4DB ASSEMBLY



TE Part #1676201-2
RN 0805 165R 0.1% 10PPM 1KRL



TE Part #9-1879352-6
RR02 5% 3K0 AMMO



TE Part #2-1676913-1
YR1 0.1% 1K74

Documents

Product Drawings

[SQP5 R033 5% WIRE](#)

English

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

[High Power Resistors - Type SQ Series](#)

English