



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: **.22 Ω**

[All Wirewound Resistor: Vertical Mount \(202\)](#)

Features

Usage Conditions

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

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	5 W
Resistance Class	Up to 1kΩ
Resistance Value	.22 Ω
Passive Component Tolerance	5 %



Body Features

Lead Type	Radial-Leaded
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Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	25 x 13 x 9 mm
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Packaging Features

Packaging Method	Loose Piece - Box
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: 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°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 #2-1630186-1
HSA50 R22 5%

TE Part #2-1445057-4
MICRO MNL HDR ASSY SINGLE ROW

TE Part #6-1676481-0
CPF 0603 1K8 0.1% 25PPM 1K RL

TE Part #6-1676481-3
CPF 0603 2K4 0.1% 25PPM 1K RL

TE Part #9-1676481-2
CPF 0603 56K 0.1% 25PPM 1K RL

TE Part #1676219-2
RN 0805 1K05 0.1% 10PPM 1KRL

TE Part #2-530745-0
MINI BX RCPT ASSY 100P SEALED

TE Part #5053172028
RNF-100-3/8-6-STK





TE Part #4-1625827-0
[TL3A R005 1% 2K RL](#)

TE Part #7-2106003-2
[Connector, SMT-IDC,2 pos, 24AWG, black](#)

Documents

Product Drawings

[SQM5 R22 5% \(WIRE\)](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1623788-5_BB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1623788-5_BB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1623788-5_BB.3d_stp.zip](#)

English

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

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