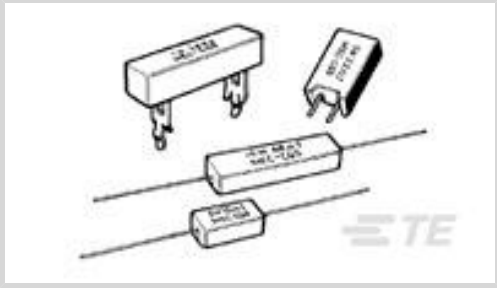




Passive Components > Resistors > Through-Hole Resistors > Wirewound Resistor: Vertical Mount



Resistor Type: **Power Resistor**
Passive Component Dimensions: **9 x 13 x 52 mm**
Number of Terminations: **2**
Packaging Method: **Loose Piece - Box**
Passive Component Tolerance: **5 %**

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

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Metal Oxide, Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	10K Ω
Power Rating	10 W

Body Features

Passive Component Lead Type	Radial-Leaded
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Termination Features

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

Dimensions

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Passive Component Dimensions	9 x 13 x 52 mm
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Usage Conditions

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

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
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: JUNE 2023 (235) 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

SQMR1010KJ

10K Ω , Wire Wound / Metal Oxide, Power Resistor, 5 %, 9 x 13 x 52 mm, 2 Termination, Loose Piece - Box, 10 W, ± 300 ppm/ $^{\circ}\text{C}$, CGS SQ



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

TE Part # 1-1623781-2
SQMR10 8K0 1% (METAL FILM)

Also in the Series | CGS SQ

Through-Hole Resistors(662)

Customers Also Bought

TE Part #1827341-4
DDR SODIMM SOCKET 200P 8H STD TYPE

TE Part #NB-PTCO-011
Pt100, 2.0x2.3, Class A, PTFE101A1G0

TE Part #280389-2
2X4P MODU II SHRD HDR,RT ANG, 0.38AU

TE Part #2-1761679-7
IDC LOW PRO HDR 20P VERT BLUE

TE Part #3-2176341-7
CRGCQ 0805 10K 1%

TE Part #DT13-36PABC-GR02
HDR, 36P, BLK, RA EEC, AU/NI/CU, ABC

TE Part #CON SMA001-SMD-G-T
SMA Jack 50 Ohm PCB Surface Mount

TE Part #2-2176237-5
CPF A 0603 680R 0.1% 25PPM 5K RL

Documents

Product Drawings
SQMR10 10K 5% (METAL FILM)

English

CAD Files
3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1623781-9_BB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1623781-9_BB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1623781-9_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

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

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English

Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English