



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: **10 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
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Electrical Characteristics

Power Rating	5 W
Resistance Class	Up to 1kΩ
Resistance Value	10 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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Usage Conditions

Operating Temperature Range	-55 – 250 °C[-67 – 482 °F]
Temperature Coefficient	±300 ppm/°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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

SQMW510RJ

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



TE Part # 1-1623790-1
SQM10S 100K 5% LP (METAL FILM)

TE Part # CAT-C339-SQ1B
Wirewound Resistor: Horizontal Mount

TE Part # 3-1623789-5
SQM7 62R 5% (WIRE)

TE Part # 1-1623808-3
SQZ7 33R 5% (WIRE)

TE Part # CAT-C339-SQ1A
Through Hole Resistor: Vertical Mount

TE Part # 1-1879068-0
SQB40 15R 5% (WIRE) 6.35MM FAS

TE Part # 1-1623790-0
SQM10S 100R 5% LP (WIRE)

TE Part # 1623804-8
SQZ10 3R3 5% WIRE

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

TE Part # 1879556-2
SQH40 15R 5% (WIRE) 6.35MM FASTON

TE Part # 1879556-3
SQH40 23R8 5% (WIRE) 6.35MM FASTON

TE Part # 1-1623790-2
SQM10S 22R 5% LP (WIRE)

TE Part # 1623804-3
SQZ10 3R9 5% WIRE

Also in the Series | CGS SQ

Through-Hole Resistors(659)

Customers Also Bought

SQMW510RJ

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



TE Part #5-147279-9
16 MODII HDR DR SFMT B/A T&R L

TE Part #178307-5
DYNAMIC D3100 HDR ASSY 16P

TE Part #2-292173-7
CT BOX HDR H SMT 7P O/TAPE BLA

TE Part #1217133-4
187 FASTON,PCB TAB,TNBR

TE Part #3-1393240-3
RT33L012

TE Part #6-1437166-9
FSP-22A-4

TE Part #2-1623782-3
SQM5 5K6 5% (METAL FILM)

TE Part #1-1747981-1
Std HDMI, RA, SMT, Panel grd, Flange

TE Part #4-2176331-9
CRGP 2512 100K 1%

TE Part #5646539-1
2MM H.M. 8 ROW E VERT. RECEPT.

Documents

Product Drawings
SQM5 10R 5% (WIRE)

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1623788-2_BB.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1623788-2_BB.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1623788-2_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