



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



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **7 W**

Resistance Class: **Up to 1k Ω**

Resistance Value: **4.7 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
---------------------	---

Electrical Characteristics

Power Rating	7 W
Resistance Class	Up to 1k Ω
Resistance Value	4.7 Ω
Passive Component Tolerance	5 %

Body Features

Lead Type	Radial-Leaded
-----------	---------------

Termination Features



Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	39 x 13 x 9 mm
------------------------------	----------------

Usage Conditions

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

Packaging Features

Packaging Method	Loose Piece - Box
------------------	-------------------

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

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

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

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

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

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

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

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

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

Also in the Series | CGS SQ

Through-Hole Resistors(662)

Customers Also Bought

TE Part # 2-1623789-3
SQM7 R47 5% (WIRE)

TE Part # 350732-1
06P UMNL PIN HDR ASSY 94VO

TE Part # NB07316001
HTAT-12/3-0-30MM

TE Part # CH03556001
QSZH-125-NR3-27MM



TE Part # 2201113001
FLHTC0311-0.75-2

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

TE Part # 1-874627-3
DRIVER ROLLER SET, FOUR-FOLD
STEEL STD

TE Part # 2076020-9
STRIPPER

Documents

Product Drawings
SQM7 4R7 5% (WIRE)

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1623789-6_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1623789-6_BB.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-1623789-6_BB.2d_dxf.zip

English

3D PDF

3D

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