



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



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **11 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **4.7 Ω**

[All Wirewound Resistor: Vertical Mount \(166\)](#)

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	11 W
Resistance Class	Up to 1kΩ
Resistance Value	4.7 Ω
Passive Component Tolerance	10 %

Body Features

Lead Type	Axial-Leaded
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Termination Features



Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	50 x 10 x 9 mm
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Usage Conditions

Operating Temperature Range	-55 – 350 °C
Temperature Coefficient	±400 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	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 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°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

SBCHE114R7K

Power Resistor, Wire Wound, 11 W, 4.7 ohm, 10 %, ±400 ppm/°C, Axial-Leaded, Copper Termination, 50 x 10 x 9 mm, Loose Piece - Box, CGS SBC



TE Part # 1623728-3
BCHE 11 W 10R 5%

TE Part # CAT-C339-SB19B
Wirewound Resistor: Vertical Mount

Also in the Series | CGS SBC

Surface Mount Resistors(1)

Through-Hole Resistors(212)

Customers Also Bought

TE Part #165046
PIDG Formed Wire Pins

TE Part #179955-2
DYNAMIC D-5 REC CONT. S FORM.

TE Part #1-1623728-5
Wirewound Resistor: Vertical Mount

TE Part #2-1761606-9
IDC LOW PRO HDR 26P VERT LG LA

TE Part #350628-1
.062 COMM P&S SOK 18-24 PTPBR

TE Part #1SNA165488R2700
MA2.5/5.P

TE Part #1SNA176282R2300
BJMI5-10

Documents

Product Drawings
BCHE 11 W 4R7 10%

English

CAD Files
3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2-1623728-4_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1623728-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1623728-4_BA.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 Resistor - Type SBC \(Square Ceramic\) Series - Tyco Electronics Passives](#)

English