SBCHE612RJ ✔ ACTIVE

CGS | CGS SBC

TE Internal #: 1623732-6

Power Resistor, Wire Wound, 7 W, 12 ohm, 5 %, ±400 ppm/°C, Axial-Leaded, Copper Termination, 38 x 7 x 8 mm, Loose Piece - Box, 2 Termination, CGS SBC

View on TE.com >

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 1kΩ**

Resistance Value: **12 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

Electrical Characteristics

Power Rating	7 W
Resistance Class	Up to 1kΩ
Resistance Value	12 Ω
Passive Component Tolerance	5 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	38 x 7 x 8 mm

Usage Conditions

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



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 #3-1622820-9
3520 33K 5%



TE Part #1-1623732-7
BCHE 7 W 1R0 10%



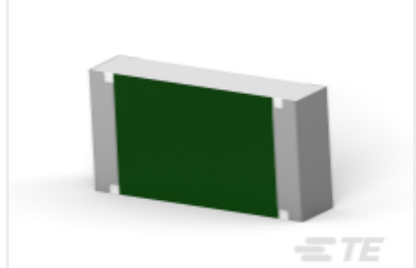
TE Part #3-2176070-3
3521 220R 1% 2W



TE Part #2-1761606-5
IDC LOW PRO HDR 14P VERT LG LA



TE Part #3-1393239-0
RT134024



TE Part #3-2176397-7
3502 33R 1%



TE Part #1-2176250-0
TJT 500W 33R 5%



TE Part #2367199-1
1.0mm WTB Contact



TE Part #3-2367198-0
1.0 WTB HOUSING WITH LATCH

Documents

Product Drawings

BCHE 7 W 12R 5%

English

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-962915-1 SBCHE154R7K TE50BR39J 1393431-1 2005330-1 3-1393225-0 917696-1 936348-1
CRGCQ2010J3K3 ROX05SJ18R 1903112-2 3430B2F51RTDF 175977-2 2310537-1 2380312-2 2834055-1
1-794222-0 U5254-000005-030PA CPF0402B37K4E1 1969656-1 2-292161-3 2377783-2 3631B101LL
650075-000 MPT100C18RF RH73H2A40MKTN SMW73R0JT 141991-2 1743455-2 SBCHE64R7K