



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



Resistor Type: **Power Resistor**  
Element Type: **Wire Wound**  
Power Rating: **17 W**  
Resistance Class: **1kΩ – 1MΩ**  
Resistance Value: **22K Ω**

[All Wirewound Resistor: Vertical Mount \(102\)](#)

Features

Product Type Features

|               |                |
|---------------|----------------|
| Resistor Type | Power Resistor |
| Element Type  | Wire Wound     |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Power Rating                | 17 W      |
| Resistance Class            | 1kΩ – 1MΩ |
| Resistance Value            | 22K 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 | 75 x 10 x 9 mm |
|------------------------------|----------------|



Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 350 °C[-67 – 662 °F] |
| Temperature Coefficient     | ±200 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 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

SBCHE1522KJ

22K ohm, Wire Wound, Power Resistor, 5 %, 17 W, ±200 ppm/°C, Axial-Leaded, Copper Termination, 75 x 10 x 9 mm, Loose Piece - Box, CGS SBC



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



TE Part # 2-1623728-2  
BCHE 11 W 47R 5%



TE Part # 1-1623728-2  
BCHE 11 W 22K 5%



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

Also in the Series | CGS SBC

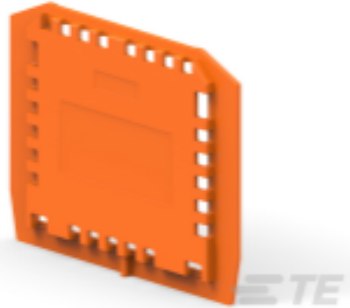


Surface Mount Resistors(1)



Through-Hole Resistors(212)

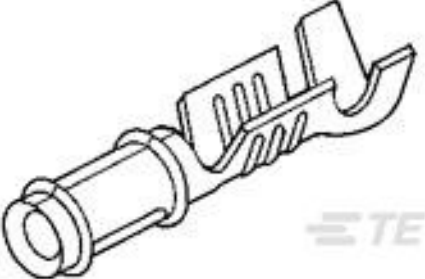
Customers Also Bought



TE Part #1SNA103259R1300  
PFN1.OR



TE Part #114712-E  
MICROS STV 12 407 188 \* 0007 J 3  
114712



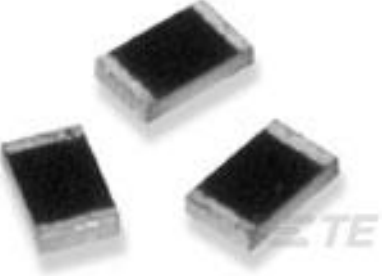
TE Part #60940-1  
.058 PIN REC 24-20 010PTPPHBZ



TE Part #1-1623729-0  
BCHE 17 W 1R5 10%



TE Part #1676188-2  
RN 0805 147K 0.1% 10PPM 1KRL



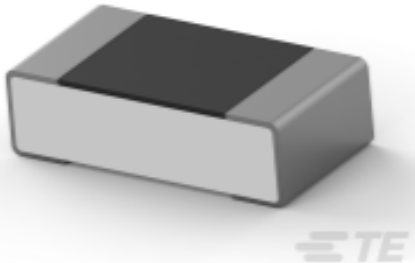
TE Part #3-1879281-4  
RP 2A 402K 0.1% 15PPM CUT LENGTH



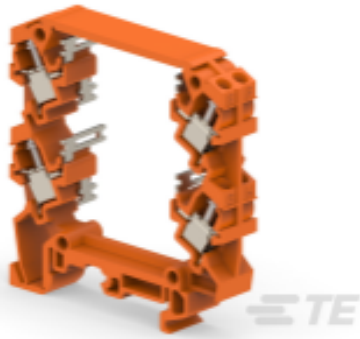
TE Part #1-2071556-2  
OJS-SH-105HEF,00000



TE Part #2176163-3  
UPF50 0.1% 5PPM 10K



TE Part #8-2176369-9  
RQ 0603 332R 0.1% 10PPM 5K RL



TE Part #1SNA103305R0200  
EBS8A.OR





Documents

Product Drawings

BCHE 17 W 22K 5%

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-1623729-2\_BA.3d\_igs.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1623729-2\_BA.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1623729-2\_BA.2d\_dxf.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 Resistor - Type SBC (Square Ceramic) Series - Tyco Electronics Passives

English

8-1773459-4\_POWER\_FILTERING\_AND\_RESISTIVE\_SOLUTIONS\_FOR\_ELEVATORS\_AND\_ESCALATORS

English