SBCHE15100RJ ✔ ACTIVE

CGS | CGS SBC

TE Internal #: 1623729-1

100 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

View on TE.com >

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



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **17 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **100 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	Up to 1kΩ
Resistance Value	100 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	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: JAN 2025 (247) 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



TE Part # 3-1623728-7
BCHE 11 W 15R 10%



TE Part # CAT-C339-SB19
Wirewound Resistor: Axial Mount, 17 Watt



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



TE Part # 1-1623729-6
BCHE 17 W 330R 5%

TE Part # 2-1623729-8
BCHE 17 W 6R8 10%

TE Part # 2-1623729-1
BCHE 17 W 47R 5%

TE Part # 2-1623729-7
BCHE 17 W 6R8 5%

TE Part # 1623732-6
BCHE 7 W 12R 5%



TE Part # 1676846-1
SBCLF 4 33R 5%



TE Part # 1-1623732-8
BCHE 7 W 1R2 10%



TE Part # 1-1623728-9
BCHE 11 W 3R3 10%



TE Part # 1623733-9
SBCHE7 470R 5%



TE Part # 1623729-4
BCHE 17 W 150R 5%



TE Part # 1623732-2
BCHE 7 W 10K 5%



TE Part # 2-1623732-9
BCHE 7 W 2R7 10%



TE Part # 2-1623729-6
BCHE 17 W 6K8 5%



TE Part # 2-1623730-3
BCHE 4 W 680R 5%



TE Part # 4-1623732-6
BCHE 7 W 5R6 10%

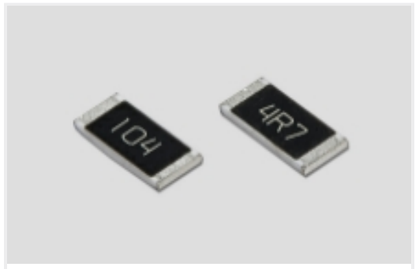


TE Part # 3-1623732-8
BCHE 7 W 470R 5%



TE Part # 3-1623730-2
SBCHE4 2K7 5%

Also in the Series | CGS SBC



Surface Mount Resistors(1)

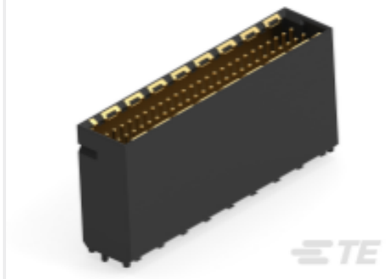


Through-Hole Resistors(212)

Customers Also Bought



TE Part #CAT-BLPS0041
PCB MOUNTED ANALOG PRESSURE SENSOR



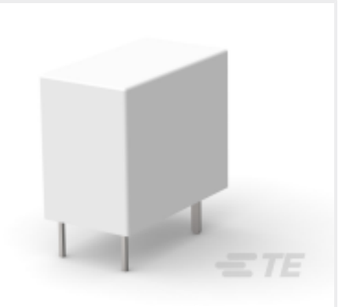
TE Part #224559-E
MSPEED 50 M SMD M9 * AB VV 137 176 * * E



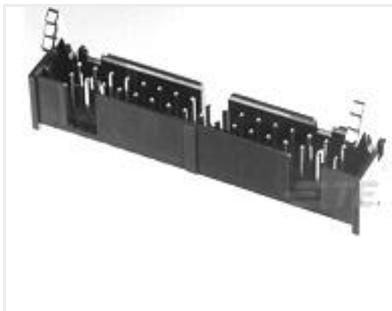
TE Part #4515-DS3A010DPF
PRESS XDCR,ANALOG,INH20 RANGE



TE Part #144662-E
MSPEED 50 F SMD F4 * AB VV 137 094 * * E



TE Part #1721260-6
OJ-SS-124LMH2



TE Part #2-1761606-6
IDC LOW PRO HDR 16P VERT LAT BLUE



TE Part #1860995-1
RT16C01 PLASTIC RETAINING CLIP LOW



TE Part #2-1879071-9
THS50 22R 5%



TE Part #4-2176057-6
RLP73K 3A R75 1% 1K RL

Documents

Product Drawings

BCHE 17 W 100R 5%

English

CAD Files

Customer View Model

ENG_CVM_CVM_1623729-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1623729-1_BA.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1623729-1_BA.2d_dxf.zip

English

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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