

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: High Value/High Voltage Resistor

Element Type: Thick Film

Power Rating: 2 W

Resistance Class: 1k Ω - 1M Ω Resistance Value: 10K Ω

Features

Product Type Features

Resistor Type	High Value/High Voltage Resistor
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	7500 V
Power Rating	2 W
Resistance Class	1k Ω - 1M Ω
Resistance Value	10K Ω
Passive Component Tolerance	1 %

Body Features

Lead Type	Radial-Leaded
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Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	26.5 x 3 mm
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Usage Conditions

Operating Temperature Range	-55 - 125 $^{\circ}$ C
Temperature Coefficient	± 100 ppm/ $^{\circ}$ C

Packaging Features

Packaging Method	Loose Piece - Tray
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Product Compliance

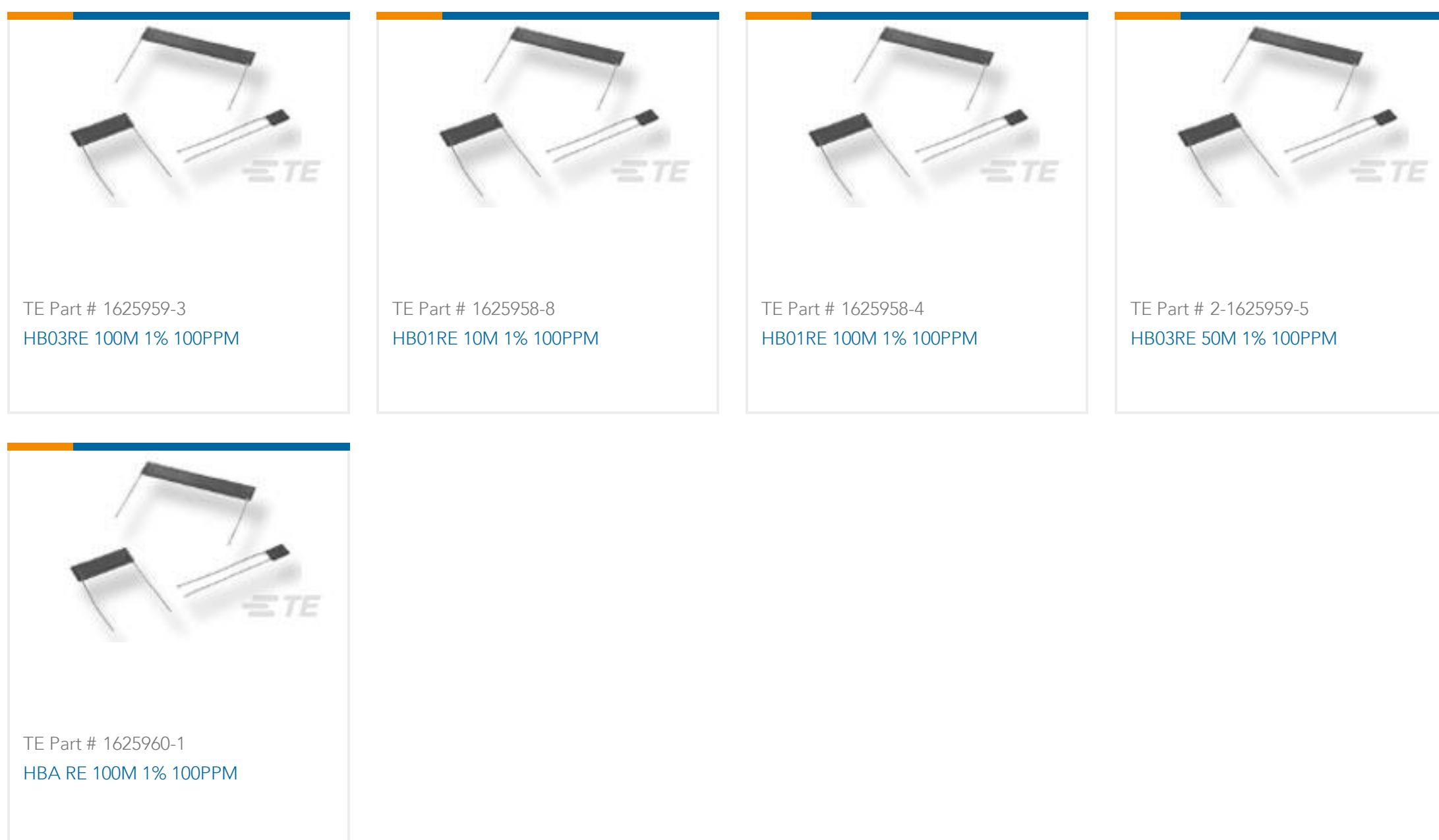
For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Hand solderable with lead free solder

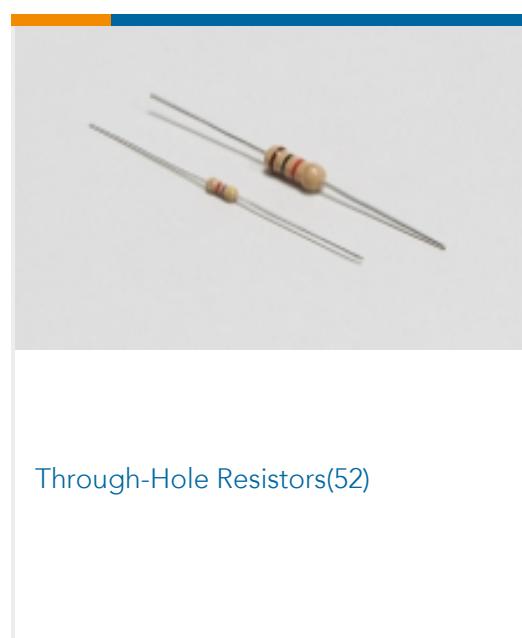
Product Compliance Disclaimer

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>

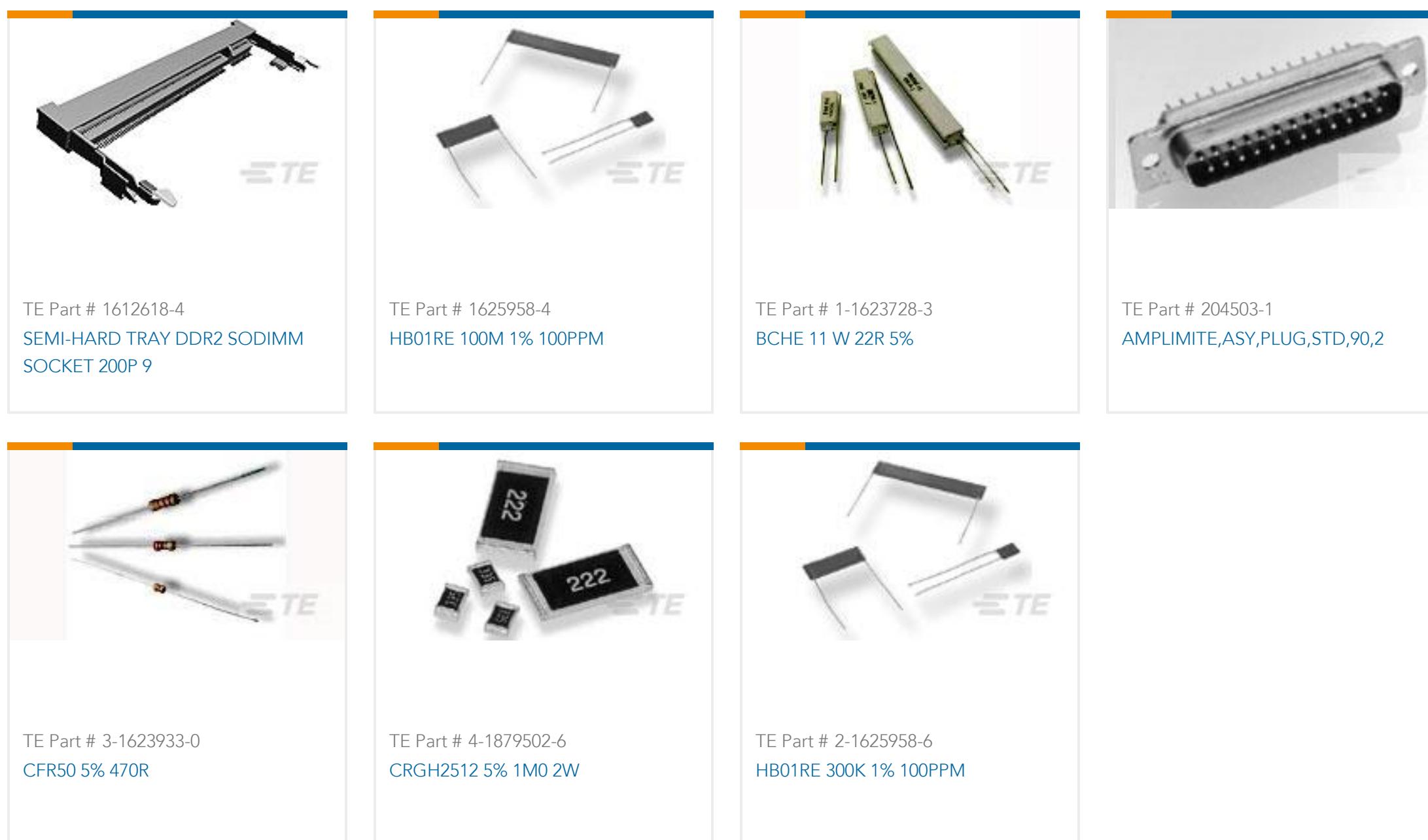
Compatible Parts



Also in the Series | CGS HB



Customers Also Bought



Documents

Product Drawings

[HB01RE 10K 1% 100PPM](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1625958-5_H.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1625958-5_H.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1625958-5_H.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

[High Value/High Voltage Resistors - Type HB Series](#)

English