



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **High Value/High Voltage Resistor**

Passive Component Dimensions: **8 x 2.6 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Tray**

Passive Component Tolerance: **1 %**

## Features

### Product Type Features

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

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Voltage Rating	1000 V
Passive Component Tolerance	1 %
Resistance Class	1MΩ – 1GΩ
Resistance Value	15M Ω
Power Rating	.4 W

### Body Features

Passive Component Lead Type	Radial-Leaded
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### Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

### Dimensions

Passive Component Dimensions	8 x 2.6 mm
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### Usage Conditions

Operating Temperature Range	-55 – 125 °C
Temperature Coefficient	±100 ppm/°C

### Packaging Features

Packaging Method	Loose Piece - Tray
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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	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




TE Part # 1625959-3  
HB03RE 100M 1% 100PPM



TE Part # 2-1625959-5  
HB03RE 50M 1% 100PPM



TE Part # 1625960-1  
HBA RE 100M 1% 100PPM



TE Part # 1625958-8  
HB01RE 10M 1% 100PPM



TE Part # 1625958-4  
HB01RE 100M 1% 100PPM

Also in the Series | CGS HB



Through-Hole Resistors(51)

Customers Also Bought



TE Part #1625960-8  
HBA RE 33M 1% 100PPM



TE Part #1625960-9  
HBA RE 47M 1% 100PPM



TE Part #1676331-2  
RN 0805 3K74 0.1% 10PPM 1KRL



TE Part #1-2176088-7  
RP 1J 0.166W 1K1 0.1% 25PPM 1K RL



TE Part #1-2314820-0  
10P,2MM,B-B,REC,DRV,T,2.7,0.1AU,TB



TE Part #9-2176397-7  
3502 10K 1%



TE Part #1625813-4  
3632 2200UH 15% FIO



TE Part #1-1625960-1  
HBA RE 68M 1% 100PPM



## Documents

### Product Drawings

[HBA RE 15M 1% 100PPM](#)

English

### CAD Files

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1625960-4\\_D.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1625960-4\\_D.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1625960-4\\_D.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[4-1773460-6\\_RESISTIVE\\_SOLUTIONS\\_RAIL](#)

English

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

English