



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **16.5 x 5.5 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Box**

Passive Component Tolerance: **10 %**

## Features

### Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Ceramic Composition

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Voltage Rating	300 V
Passive Component Tolerance	10 %
Resistance Class	Up to 1kΩ
Resistance Value	33 Ω
Power Rating	1 W

### Body Features

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

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

### Dimensions

Passive Component Dimensions	16.5 x 5.5 mm
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**Usage Conditions**

Operating Temperature Range	-40 – 200 °C
Temperature Coefficient	±1300 ppm/°C

**Packaging Features**

Packaging Method	Loose Piece - Box
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**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 with Exemptions
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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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

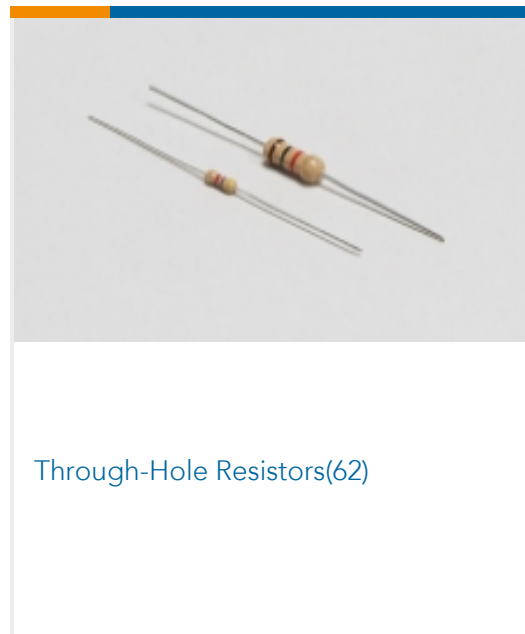
Product Compliance Disclaimer

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**



### Also in the Series | CGS CCR



### Customers Also Bought





## Documents

### Product Drawings

[CCR1 33R 10%](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1623719-3\\_BA.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1623719-3\\_BA.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1623719-3\\_BA.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 Power Resistor - Type SBC \(Square Ceramic\) Series - Tyco Electronics Passives](#)

English

[Ceramic Composition Resistors - Type CCR Series - Tyco Electronics Passives](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English