



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Dimensions: **10.16 x 15 x 4.6 mm**

Number of Terminations: **2**

Size Code: **TO220**

Packaging Method: **Tube**

### Features

#### Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Size Code	TO220
Element Type	Thick Film

#### Configuration Features

Number of Resistors	1
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#### Electrical Characteristics

Voltage Rating	350 V
Tolerance	5%
Resistance Class	Up to 1kΩ
Resistance	3.3 Ω
Power Rating	35 W

#### Body Features

Lead Type	Radial-Leaded
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### Termination Features

Number of Terminations	2
Termination Type	Tinned Copper Leads

### Mechanical Attachment

Mount Style	Radial-Leaded
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### Dimensions

Dimensions	10.16 x 15 x 4.6 mm
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### Usage Conditions

Temperature Coefficient	±100 ppm/°C
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### Packaging Features

Packaging Method	Tube
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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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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	Wave solder capable to 265°C

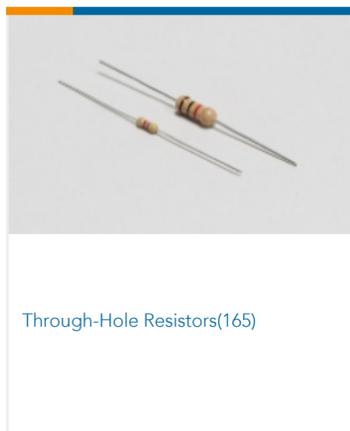
#### Product Compliance Disclaimer

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 MPT



## Customers Also Bought





## Documents

### Product Drawings

[MPT35 3R3 5%](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2176430-0\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2176430-0\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2176430-0\\_BA.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[MPT-0518](#)

English