



CGS | CGS TJT

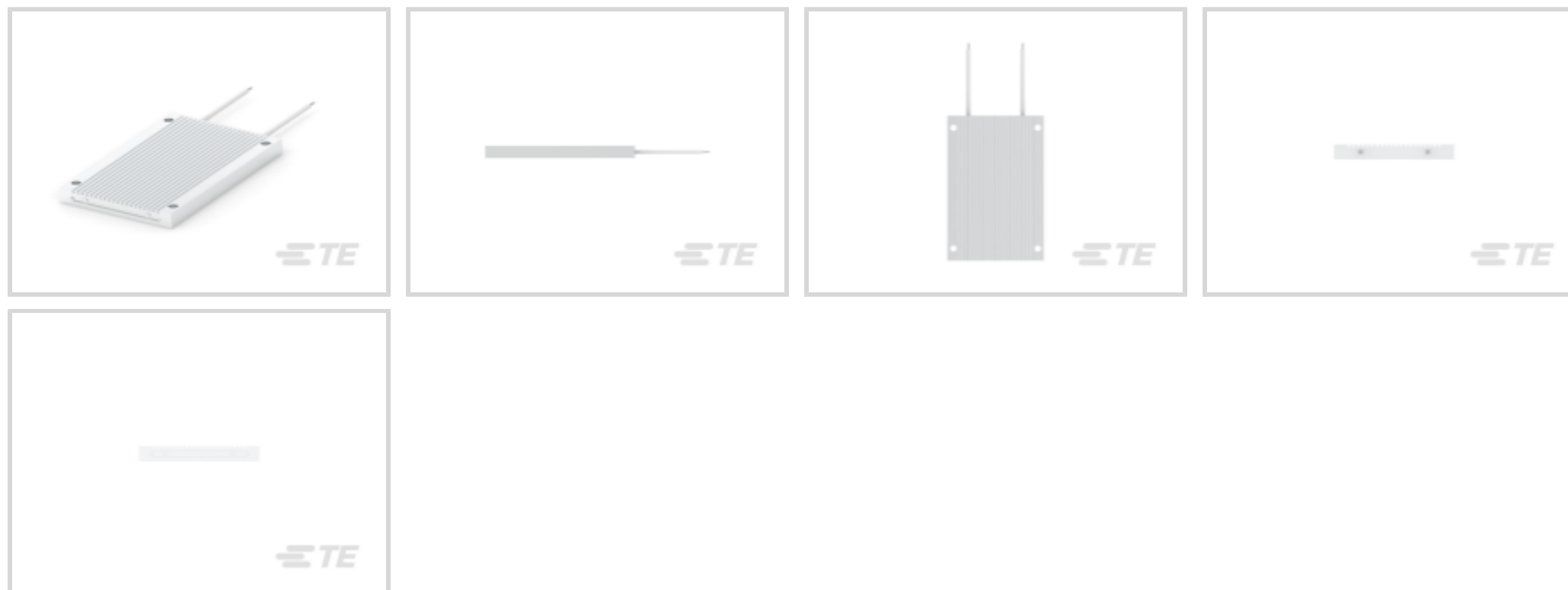
TE Internal #: 2176248-3

2.2 ohm, Wire Wound, 5 %, Power Resistor, 250 W, 2 Terminations, ±260 ppm/°C, Flying Leads, Loose Piece - Box, 10 mm [.394 in]

Height, CGS TJT

[View on TE.com >](#)

Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **2.2 Ω**

Power Rating: **250 W**

Element Type: **Wire Wound**

## Features

### Product Type Features

|               |                |
|---------------|----------------|
| Resistor Type | Power Resistor |
| Element Type  | Wire Wound     |

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

### Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Resistance Class            | Up to 1kΩ |
| Resistance Value            | 2.2 Ω     |
| Power Rating                | 250 W     |
| Passive Component Tolerance | 5 %       |

### Termination Features

|   |              |
|---|--------------|
| Number of Terminations                  | 2            |
| Chassis Mount Resistor Termination Type | Flying Leads |

### Mechanical Attachment

|  |  |
|--|--|
|  |  |
|--|--|



|                          |                            |
|--------------------------|----------------------------|
| Panel Mount Feature Type | Flange with Mounting Holes |
|--------------------------|----------------------------|

### Dimensions

|                |                   |
|----------------|-------------------|
| Product Height | 10 mm [.394 in]   |
| Product Length | 180 mm [7.087 in] |
| Product Width  | 80 mm [3.149 in]  |

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Operating Temperature Range | -25 – 250 $^{\circ}$ C [-13 – 482 $^{\circ}$ F] |
| Temperature Coefficient     | $\pm 260$ ppm/ $^{\circ}$ 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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                     | Hand solderable with lead free solder   |

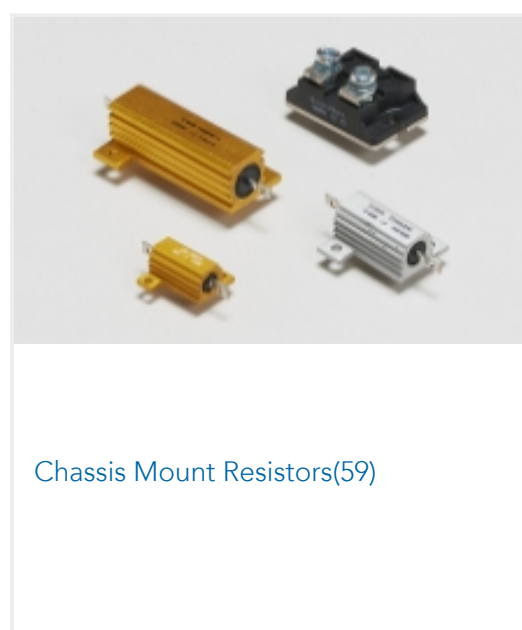
#### Product Compliance Disclaimer

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>

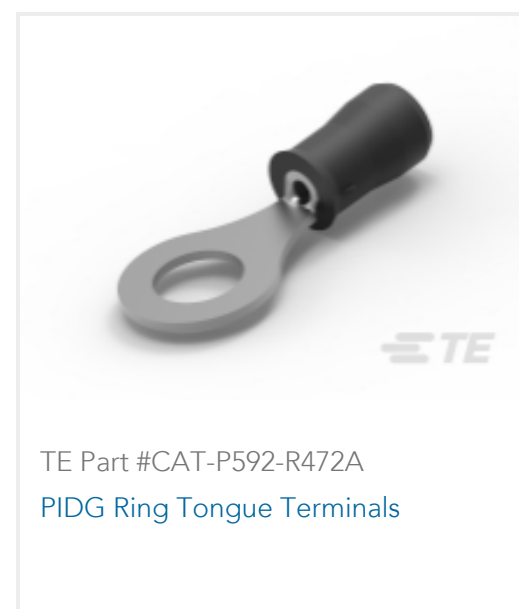
## Compatible Parts



## Also in the Series | CGS TJT



## Customers Also Bought



## Documents

### Product Drawings

TJT 250W 2R2 5%

English

### CAD Files



**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2176248-3\\_BA.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2176248-3\\_BA.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2176248-3\\_BA.3d\\_stp.zip](#)

English

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

**Datasheets & Catalog Pages**

[TJT-0715](#)

English

[ALUMINIUM ENCLOSED POWER RESISTORS - Type TJT Series](#)

English