

TJT2506R8J ✓ ACTIVE

CGS | CGS TJT

TE Internal #: 2176248-6

6.8  $\Omega$ , Wire Wound, Power Resistor, 180 x 80 x 10 mm, 2

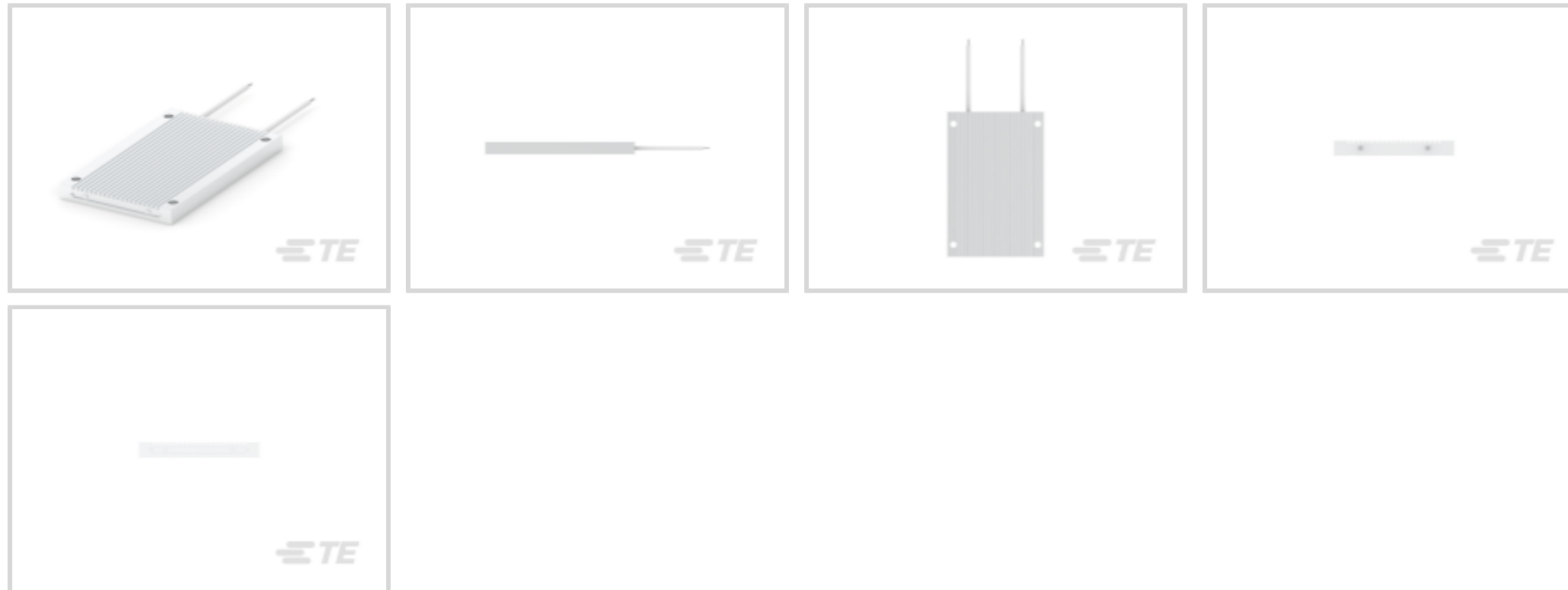
Termination, Loose Piece - Box, 5 %, 250 W,  $\pm 260$  ppm/ $^{\circ}\text{C}$ , Flying

Leads Termination, CGS TJT

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Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **180 x 80 x 10 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Box**

Passive Component Tolerance: **5 %**

## Features

### Product Type Features

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

### Configuration Features

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

### Electrical Characteristics

|                             |                   |
|-----------------------------|-------------------|
| Passive Component Tolerance | 5 %               |
| Resistance Class            | Up to 1k $\Omega$ |
| Resistance Value            | 6.8 $\Omega$      |
| Power Rating                | 250 W             |

### Termination Features

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

### Mechanical Attachment

|                                    |               |
|------------------------------------|---------------|
| Chassis Mount Resistor Mount Style | Chassis Mount |
|------------------------------------|---------------|

### Dimensions

|                              |                  |
|------------------------------|------------------|
| Passive Component Dimensions | 180 x 80 x 10 mm |
|------------------------------|------------------|

### Usage Conditions

|                             |                                   |
|-----------------------------|-----------------------------------|
| Operating Temperature Range | -25 – 250 $^{\circ}\text{C}$      |
| Temperature Coefficient     | $\pm 260$ ppm/ $^{\circ}\text{C}$ |

### 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 | No Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUN 2020 (209)<br>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>

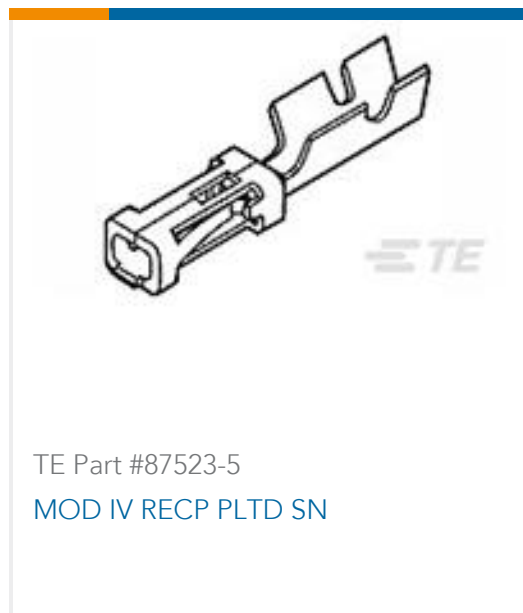
## Compatible Parts



Also in the Series | CGS TJT



Customers Also Bought





## Documents

### Product Drawings

[TJT 250W 6R8 5%](#)

English

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### Datasheets & Catalog Pages

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

English

[TJT-0715](#)

English