# TJT25047RJ ✔ ACTIVE

CGS | CGS TJT

TE Internal #: 1-2176248-1

Power Resistor, 47 Ω, 250 W, Wire Wound, 2 Termination, ±260 ppm /°C, 5 %, Flying Leads Termination, Loose Piece - Box, 1 Resistor, CGS TJT

View on TE.com >

Passive Components > Resistors > Chassis Mount Resistors







Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **47 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 | 47 Ω |
| Power Rating | 250 W |
| Passive Component Tolerance | 5 % |

### Termination Features

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

### Mechanical Attachment

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

### Dimensions

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

### Usage Conditions

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|---|---|
| Operating Temperature Range | -25 - 250 °C |
| Temperature Coefficient | ±260 ppm/°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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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 |

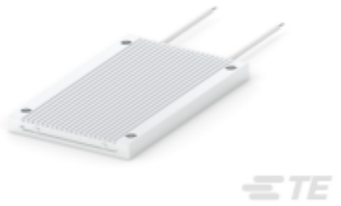
Product Compliance Disclaimer

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



TE Part # 1-2176248-7
TJT 250W 470R 5%



TE Part # 2176248-5
TJT 250W 4R7 5%

## Also in the Series | CGS TJT



Chassis Mount Resistors(76)

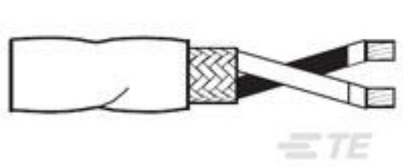
## Customers Also Bought



TE Part # 2499356001
CGPT 2:1 Heat Shrink Tubing



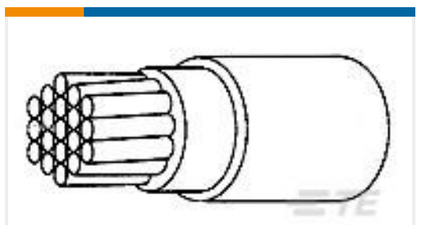

TE Part # 2023374003
ZHTM-5/2.5-0-SP



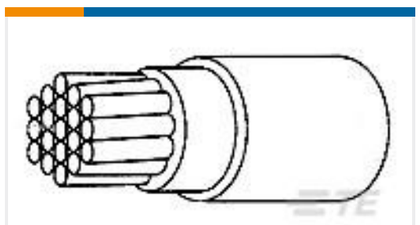
TE Part # 7220453001
99M1121-22-2/6-0



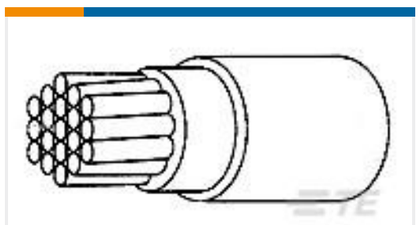
TE Part # 735159
250 PIDG FF



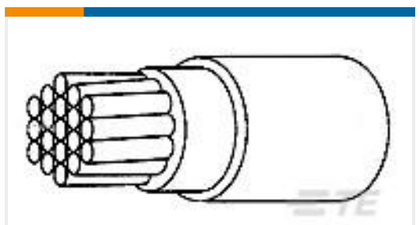
TE Part # 7402913001
99M0111-22-0



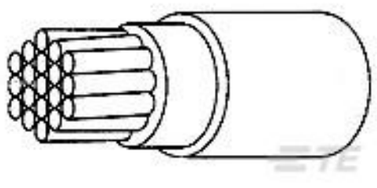
TE Part # 1230193001
99M0111-20-1



TE Part # 7330413001
99M0111-20-6



TE Part # 7627653001
99M0111-22-2



TE Part # 0670613001
99M0111-20-45

# Documents

## Product Drawings

TJT 250W 47R 5%

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_1-2176248-1_BA.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1-2176248-1_BA.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1-2176248-1_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

## Datasheets & Catalog Pages

ALUMINIUM ENCLOSED POWER RESISTORS - Type TJT Series

English

TJT-0715

English