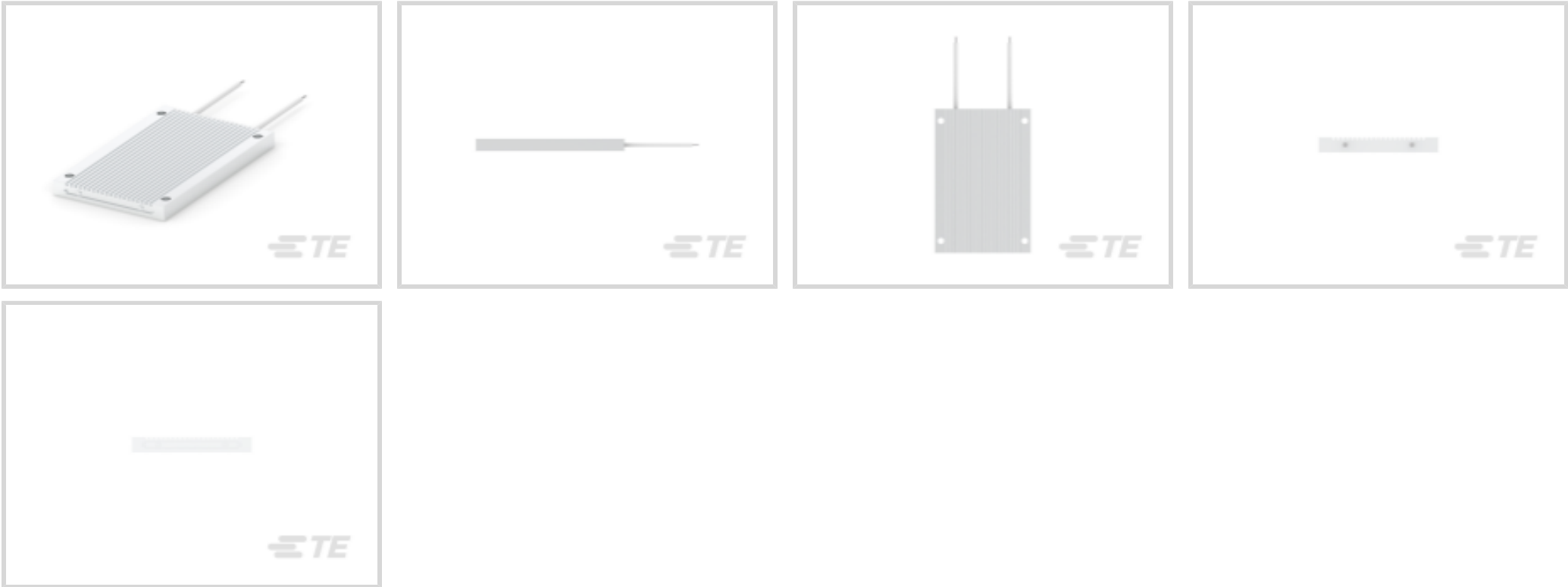




Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**
Resistance Class: **Up to 1kΩ**
Resistance Value: **47 Ω**
Power Rating: **500 W**
Element Type: **Wire Wound**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Resistance Class	Up to 1kΩ
Resistance Value	47 Ω
Power Rating	500 W
Passive Component Tolerance	5 %

Termination Features

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
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Dimensions

Product Height	10 mm[.394 in]
Product Length	330 mm[12.992 in]
Product Width	80 mm[3.149 in]

Usage Conditions

Operating Temperature Range	-25 – 250 °C
Temperature Coefficient	±260 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
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1-2176250-7
TJT 500W 470R 5%



TE Part # 2176250-5
TJT 500W 4R7 5%

Also in the Series | CGS TJT



Chassis Mount Resistors(59)

Customers Also Bought



TE Part #1-2176250-0
TJT 500W 33R 5%



TE Part #61481-1
110 FASTON FLAG REC 22-18 AWG TPBR



TE Part #T4061120004-005
M8 CABLE ST M 5M 4POS PUR CABLE



TE Part #1-2176489-1
HCL130 70W 22R 5% Cable 150mm



TE Part #1-2176349-3
CRGCQ 2512 100R 1%



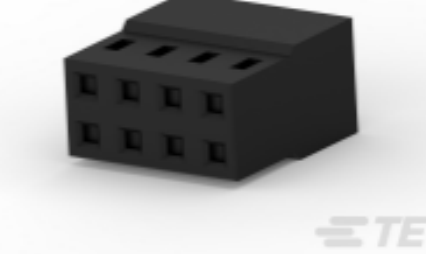
TE Part #1-2176513-6
CJP 1000W 39R 5% Lead



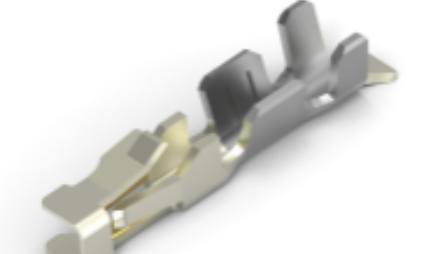
TE Part #1-2176489-5
HCL130 70W 47R 5% Cable 150mm



TE Part #1-1879455-6
TE 1500W 18R 5% Bracket



TE Part #2316108-8
8P,2MM,REC,HSG,DR,CRIMP,PLAIN, BOX



TE Part #3-2316113-4
2MM,REC,CNT,CRIMP,24-28AWG,0.1 UM,LP



Documents

Product Drawings

TJT 500W 47R 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176250-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176250-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176250-1_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