TJT5003R3J ✔ ACTIVE

CGS | CGS TJT

TE Internal #: 2176250-4

Power Resistor, 3.3 ohm, 500 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: **3.3 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

Electrical Characteristics

Resistance Class	Up to 1kΩ
Resistance Value	3.3 Ω
Power Rating	500 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	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

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-2176250-0
TJT 500W 33R 5%

TE Part # 2-2176250-2
TJT 500W 30R 5%



TE Part # 1-2176250-7
TJT 500W 470R 5%

Also in the Series | CGS TJT



Chassis Mount Resistors(76)

Customers Also Bought



TE Part #2176232-5
3522 200K 1% 3W



TE Part #2176077-3
TLRS1575 4.0W R002 1% 100PPM 2KRL



TE Part #6-1676481-4
CPF 0603 2K7 0.1% 25PPM 1K RL



TE Part #8-1676481-7
CPF 0603 33K 0.1% 25PPM 1K RL



TE Part #3-1625892-4
3W SM M/OX 5% 270R



TE Part #1-1825142-5
AE101SD1AB04

Documents

Product Drawings

TJT 500W 3R3 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176250-4_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176250-4_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176250-4_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

ALUMINIUM ENCLOSED POWER RESISTORS - Type TJT Series

English

TJT-0715

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

SBCHE154R7K U5254-000005-030PA 1-794222-0 141991-2 2310537-1 2380312-2 917696-1 936348-1 RH73H2A40MKTN ROX05SJ18R 2005330-1 650075-000 2834055-1 3-1393225-0 CRGCQ2010J3K3 MPT100C18RF 2377783-2 1743455-2 1903112-2 1969656-1 3631B101LL SBCHE64R7K TE50BR39J 3430B2F51RTDF SMW73R0JT 1-962915-1 1393431-1 175977-2 2-292161-3 CPF0402B37K4E1