TJT2506R8J ✔ ACTIVE

CGS | CGS TJT

TE Internal #: 2176248-6

Power Resistor, 6.8 ohm, 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: **6.8 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	6.8 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 °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: JUN 2020 (209) 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 # 1-2176248-3
TJT 250W 100R 5%



TE Part # 1-2176248-2
TJT 250W 68R 5%

Also in the Series | CGS TJT



Chassis Mount Resistors(76)

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



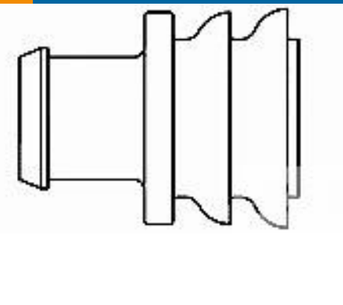
TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

TJT 250W 6R8 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176248-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176248-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176248-6_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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