CJB1700J6R8J ✔ ACTIVE

CGS | CGS CJB

TE Internal #: 2176628-2

6.8 ohm, Wire Wound, 5 %, Power Resistor, 1700 W, 2 Terminations, ±200 ppm/°C, Flying Leads, Box & Carton, 90 mm [3.543 in] Height, CGS CJB

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: **1700 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

Operating Voltage	1100 V
Resistance Class	Up to 1kΩ
Resistance Value	6.8 Ω
Power Rating	1700 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Flying Leads

Mechanical Attachment

Panel Mount Feature Type	Mounting Brackets

Dimensions

Product Height	90 mm[3.543 in]
Product Length	725 mm[28.54 in]
Product Width	60 mm[2.362 in]

Usage Conditions

Temperature Coefficient	±200 ppm/°C

Packaging Features

Packaging Method	Box & Carton

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the

product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

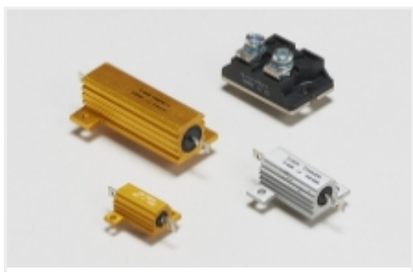


TE Part # 2176628-1
CJB 1700W 5% 4R7 Lead



TE Part # 2176628-3
CJB 1700W 5% 10R Lead

Also in the Series | CGS CJB



Chassis Mount Resistors(72)

Documents

Product Drawings

CJB 1700W 5% 6R8 Lead

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176628-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176628-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176628-2_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

ALUMINIUM_HOUSED_RESISTOR_TYPE_CJB_SERIES

English