# VE156R8JS ✔ ACTIVE

CGS | CGS VE

TE Internal #: 1-2176720-1

6.8 ohm, Wire Wound, 5 %, Power Resistor, 15 W, 2 Terminations, ±120 ppm/°C, Solder Lug, Box, 15.1 mm [.594 in] Height, CGS VE

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: **15 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 | 15 W |
| Passive Component Tolerance | 5 % |

### Termination Features

| | |
|---|---|
| Number of Terminations | 2 |
| Chassis Mount Resistor Termination Type | Solder Lug |

### Mechanical Attachment

| | |
|---|---|
| Panel Mount Feature Type | Mounting Brackets |

## Dimensions

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|---|---|
| Product Height | 15.1 mm[.594 in] |
| Product Length | 38.1 mm[1.5 in] |
| Product Width | 15.1 mm[.594 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 300 °C[-67 – 572 °F] |
| Temperature Coefficient | ±120 ppm/°C |

## Packaging Features

| | |
|---|---|
| Packaging Method | Box |

## Product Compliance

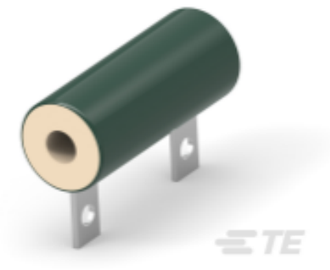
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 | Hand solderable with lead free solder |

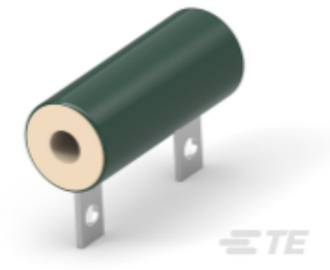
Product Compliance Disclaimer

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 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

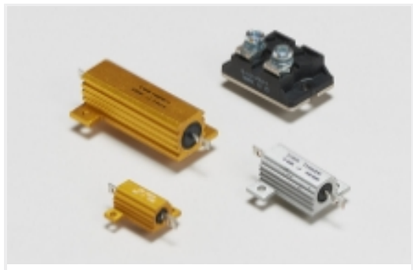


TE Part # 1-2176720-2
VE 15W 8R2 5% Solder Lug



TE Part # 1-2176720-0
VE 15W 5R6 5% Solder Lug

## Also in the Series | CGS VE



Chassis Mount Resistors(435)

## Documents

### Product Drawings

VE 15W 6R8 5% Solder Lug

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1-2176720-1_A1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176720-1_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-2176720-1_A1.3d_igs.zip

English

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

### Datasheets & Catalog Pages

Vitreous Enamel Coated Power Resistor

English