



CGS | CGS TE

TE Internal #: 3-1879454-5

Power Resistor, 680 Ω, 1200 W, Wire Wound, 2 Termination, ±440

ppm/°C, 5 %, Solder Lug Termination, Loose Piece - Box, 1

Resistor, CGS TE

[View on TE.com >](#)

Passive Components > Resistors > Chassis Mount Resistors > Wirewound Resistor: Mineral, 2.5 Kw



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **680 Ω**

Power Rating: **1200 W**

Element Type: **Wire Wound**

[All Wirewound Resistor: Mineral, 2.5 Kw \(685\)](#)

## Features

### Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Operating Voltage	2500 V
Resistance Class	Up to 1kΩ
Resistance Value	680 Ω
Power Rating	1200 W
Passive Component Tolerance	5 %

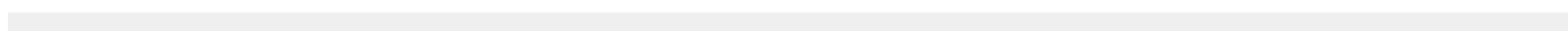
### Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Solder Lug

### Mechanical Attachment

Panel Mount Feature Type	Mounting Brackets
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### Dimensions





Product Height	119 mm[4.685 in]
Product Length	465 mm[18.307 in]
Product Width	60 mm[2.362 in]

### Usage Conditions

Operating Temperature Range	-55 - 155 $^{\circ}\text{C}$
Temperature Coefficient	$\pm 440$ ppm/ $^{\circ}\text{C}$

### 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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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	Not applicable for solder process capability

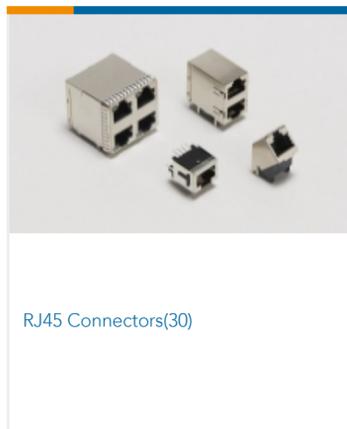
#### Product Compliance Disclaimer

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 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



## Also in the Series | CGS TE



## Customers Also Bought



### Documents

#### Product Drawings

[TE 1200W 680R 5% Bracket](#)

English

#### Datasheets & Catalog Pages

[4-1773460-6\\_RESISTIVE\\_SOLUTIONS\\_RAIL](#)

English

TE1200B680RJ

Power Resistor, 680  $\Omega$ , 1200 W, Wire Wound, 2 Termination,  $\pm 440$  ppm/ $^{\circ}\text{C}$ , 5 %, Solder Lug Termination, Loose Piece - Box, 1 Resistor, CGS TE



[1309350\\_PASSIVE\\_COMPONENT](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English

[High Power Wire wound Resistor Type TE Series](#)

English