



CGS | CGS HS

TE Internal #: 3-1625985-4

Power Resistor, 25 ohm, 50 W, Wire Wound, 2 Termination,  $\pm 50$  ppm/ $^{\circ}$ C, 5 %, Solder Lug Termination, Loose Piece - Tray, 1 Resistor, CGS HS

[View on TE.com >](#)

Passive Components > Resistors > Chassis Mount Resistors > Power Resistors: Aluminum Housed, NHS



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1k $\Omega$**

Resistance Value: **25  $\Omega$**

Power Rating: **50 W**

Element Type: **Wire Wound**

[All Power Resistors: Aluminum Housed, NHS \(4\)](#)

## 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	1250 VDC
Resistance Class	Up to 1k $\Omega$
Resistance Value	25 $\Omega$
Power Rating	50 W
Passive Component Tolerance	5 %

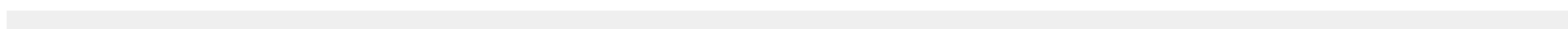
### Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Solder Lug

### Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
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### Dimensions





Product Height	17 mm[.669 in]
Product Length	72.5 mm[2.854 in]
Product Width	30 mm[1.181 in]

**Usage Conditions**

Temperature Coefficient	±50 ppm/°C
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**Packaging Features**

Packaging Method	Loose Piece - Tray
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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: JUNE 2024 (241) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

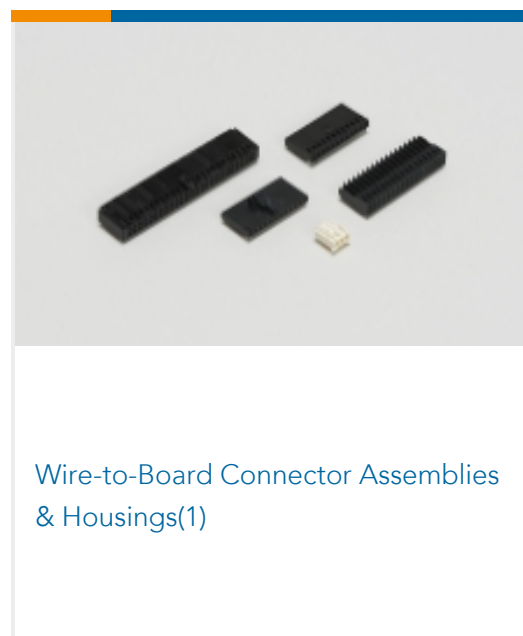
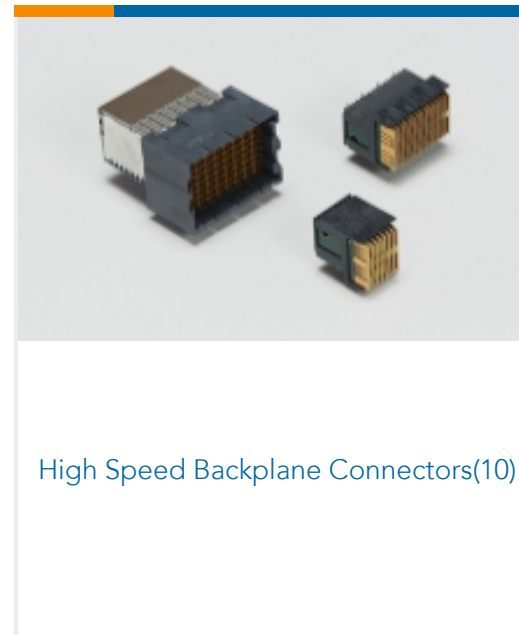
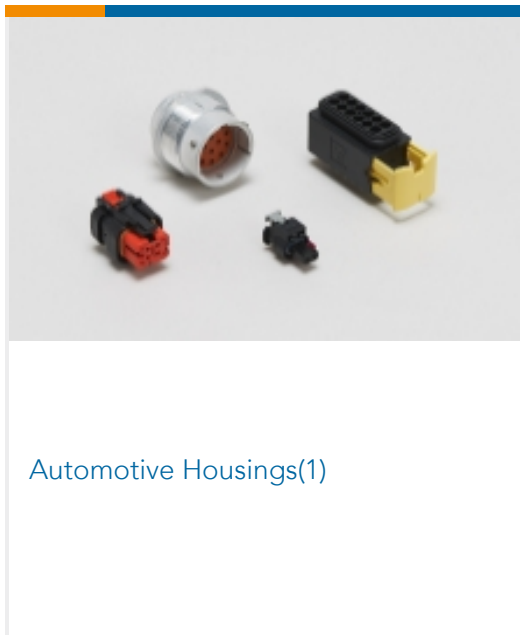
Product Compliance Disclaimer

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 HS



## Customers Also Bought





## Documents

### Product Drawings

[NHSA50 25R 5%](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1625985-4\\_L.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1625985-4\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1625985-4\\_L.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

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

English

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

English