



CGS | CGS TE

TE Internal #: 1-1879450-8

27  $\Omega$ , Wire Wound, Power Resistor, 360 x 50 x 101 mm, 2

Termination, Loose Piece - Box, 5 %, 500 W,  $\pm 440$  ppm/ $^{\circ}\text{C}$ , Solder

Lug Termination, CGS TE

[View on TE.com >](#)

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



Resistor Type: **Power Resistor**

Passive Component Dimensions: **360 x 50 x 101 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Box**

Passive Component Tolerance: **5 %**

[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

Voltage Rating	2500 V
Passive Component Tolerance	5 %
Resistance Class	Up to 1k $\Omega$
Resistance Value	27 $\Omega$
Power Rating	500 W

### Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Solder Lug

### Mechanical Attachment

Chassis Mount Resistor Mount Style	Bracket
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### Dimensions

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Passive Component Dimensions	360 x 50 x 101 mm
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### Usage Conditions

Operating Temperature Range	-55 – 155 $^{\circ}$ C
Temperature Coefficient	$\pm 440$ ppm/ $^{\circ}$ 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: JUNE 2023 (235) 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



TE Part # CAT-C339-T2201  
Wirewound Resistor: Mineral, 2.5 Kw

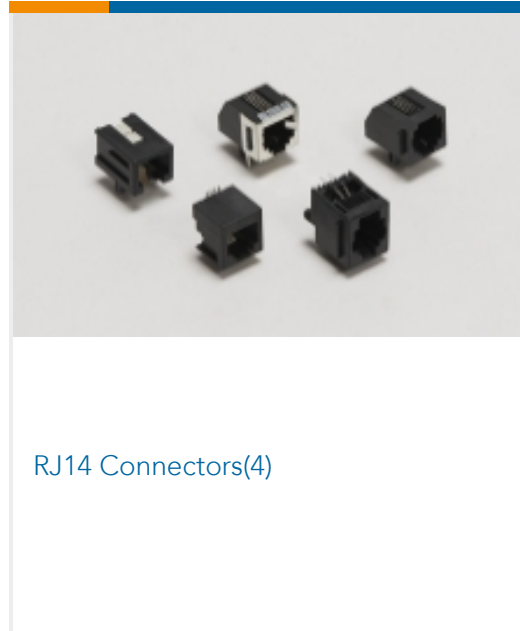
### Also in the Series | CGS TE



Chassis Mount Resistors(750)



RJ11 Connectors(1)



RJ14 Connectors(4)



RJ22 Connectors(5)



RJ25 Connectors(4)



RJ45 Connectors(30)

### Customers Also Bought



TE Part #1-1415899-6  
RZ03-1A4-D012



TE Part #1658537-2  
SOCKET CONT DUPL PLT LP HD-20



TE Part #749805-8  
KIT,HDP-20,PLUG,SIZE 2, 15 POS



TE Part #1-1879450-9  
TE 500W 33R 5% Bracket



TE Part #5745173-4  
CABLE CLAMP KIT,SZ 3



TE Part #8-1393239-1  
RT314A24



TE Part #1-111446-8  
020 UNIV I/O 30DP NO EARS



TE Part #5745175-3  
CABLE CLAMP KIT,SZ 5



TE Part #53411-1  
[PIDG PVF2 22-16COM22-18MIL5/16](#)



TE Part #7-1625892-2  
[3W SM M/OX 5% 82K](#)

## Documents

### Product Drawings

[TE 500W 27R 5% Bracket](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1879450-8\\_BB.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1879450-8\\_BB.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1879450-8\\_BB.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

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

English

[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