

Passive Components &gt; Resistors &gt; Chassis Mount Resistors

Resistor Type: **Power Resistor**Resistance Class: **Up to 1k $\Omega$** Resistance Value: **.82  $\Omega$** Power Rating: **50 W**Element Type: **Wire Wound**

## Features

### Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Resistance Class	Up to 1k $\Omega$
Resistance Value	.82 $\Omega$
Power Rating	50 W
Passive Component Tolerance	5 %

### Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Mounting Terminals

### Mechanical Attachment

## Panel Mount Feature Type

## Mounting Brackets

## Dimensions

Product Height	61 mm[2.402 in]
Product Length	146 mm[5.748 in]
Product Width	28 mm[1.102 in]

## Usage Conditions

Operating Temperature Range	-55 – 155 $^{\circ}$ C
Temperature Coefficient	$\pm 400$ ppm/ $^{\circ}$ C

## Packaging Features

Packaging Method	Box
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: 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

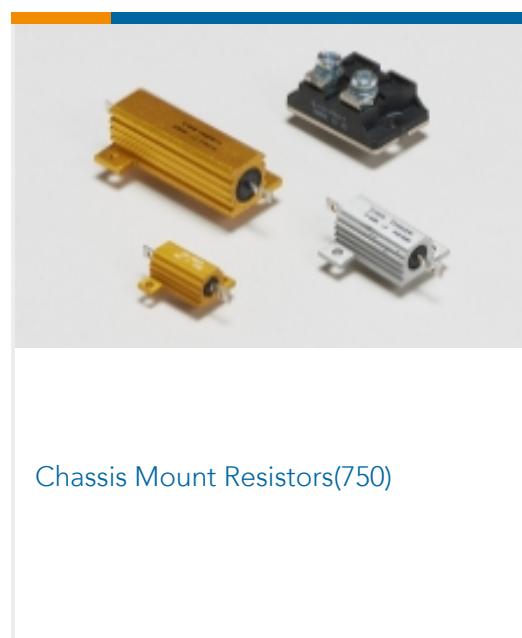
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 5-1879441-2  
TE 50W R68 5% Bracket

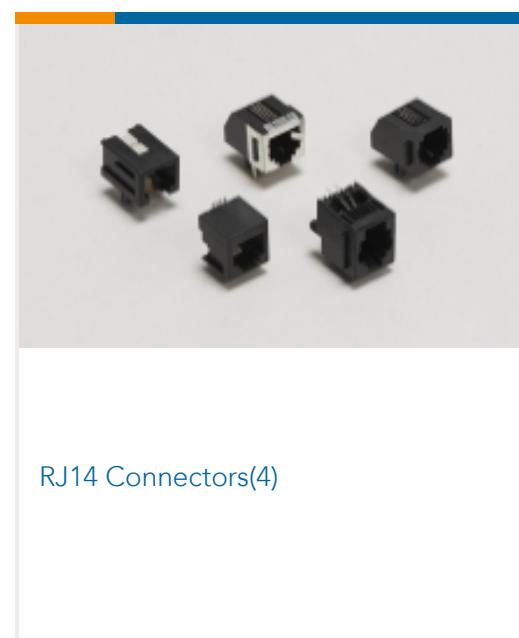
## Also in the Series | CGS TE



Chassis Mount Resistors(750)



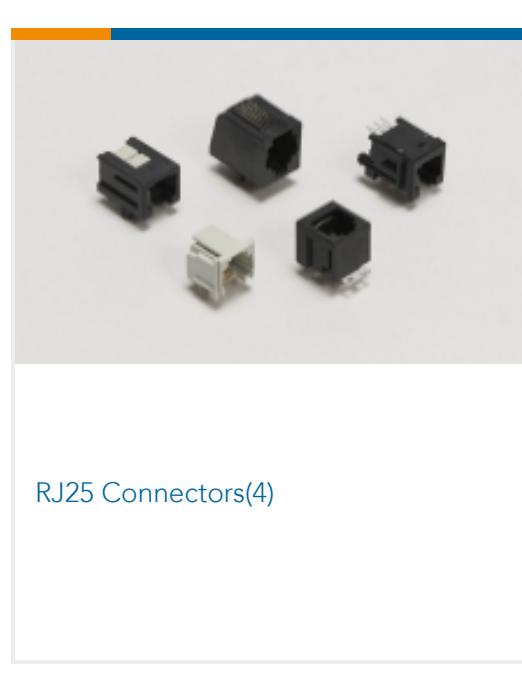
RJ11 Connectors(1)



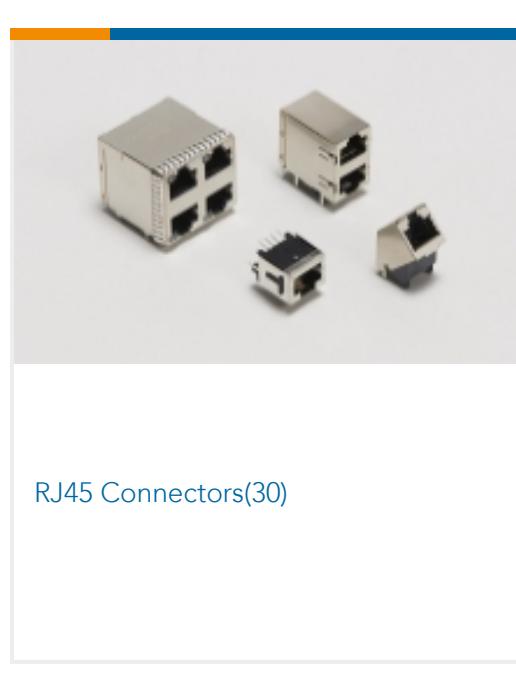
RJ14 Connectors(4)



RJ22 Connectors(5)



RJ25 Connectors(4)



RJ45 Connectors(30)

## Customers Also Bought



TE Part #1-5499922-2  
A/L UNIV HDR 64P VERT LG LAT



TE Part #1-1625999-2  
Power Resistors: Aluminium Housed,  
HSC



TE Part #150492  
TERM, RT,STRAT,DGRP, HR, 22-16, M3.  
5(#6)



TE Part #4-1437595-1  
TRD11D10WL=SPDT ROCKER BLACK



TE Part #8-322996-1  
TERMINAL,SOLIS SPD 16-14 6



TE Part #119945-E  
IBRFCT VE C2224 1 REEL J 3 119944



TE Part #119977-E  
IBRFHG VE 10 CSI 208 BAG J 3 119979  
IBRI

## Documents

### Product Drawings

[TE 50W R82 5% Bracket](#)

English

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### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_5-1879441-3\\_BB.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_5-1879441-3\\_BB.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_5-1879441-3\\_BB.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

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

English