



Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

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

Resistance Value: **6.8  $\Omega$**

Power Rating: **300 W**

Element Type: **Wire Wound**

## Features

### Electrical Characteristics

Operating Voltage	2500 VAC
Resistance Class	Up to 1k $\Omega$
Resistance Value	6.8 $\Omega$
Power Rating	300 W
Passive Component Tolerance	5 %

### Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

### Configuration Features

Number of Resistors	1
---------------------	---

### Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	M6 Threaded Stud

### Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
--------------------------	----------------------------

### Dimensions

Product Height	41 mm[1.614 in]
Product Length	180 mm[7.087 in]



Product Width	71.4 mm[2.811 in]
---------------	-------------------

### Usage Conditions

Temperature Coefficient	$\pm 50$ ppm/ $^{\circ}\text{C}$
-------------------------	----------------------------------

### Packaging Features

Packaging Method	Loose Piece - Tray
------------------	--------------------

### Other

EU RoHS Compliance	Compliant
--------------------	-----------

EU ELV Compliance	Compliant
-------------------	-----------

### 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: JUNE 2024 (241) 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
---------------------------	----------------------------------------------

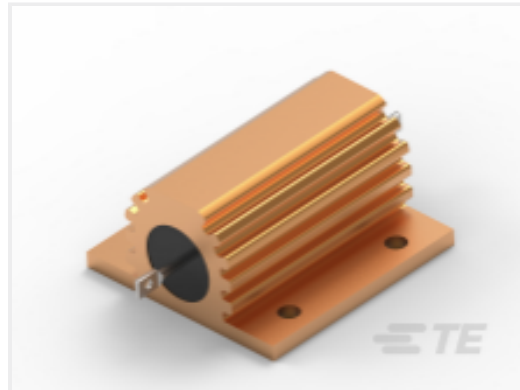
#### Product Compliance Disclaimer

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 # 1625999-3  
HSC100 10R 5%

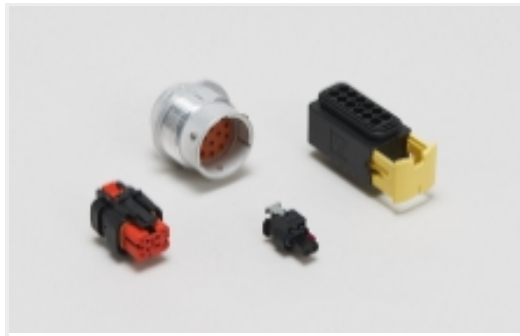


TE Part # CAT-C339-H85913  
Power Resistors: Aluminum Housed,  
HSA

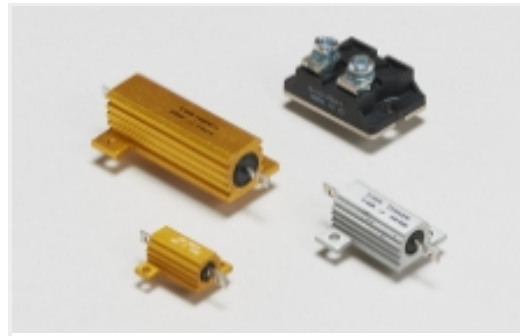


TE Part # 1630027-1  
HSC300 100R 5%

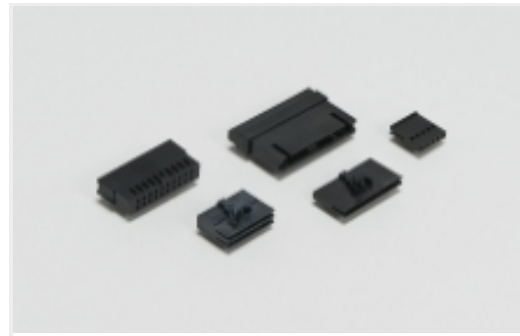
### Also in the Series | CGS HS



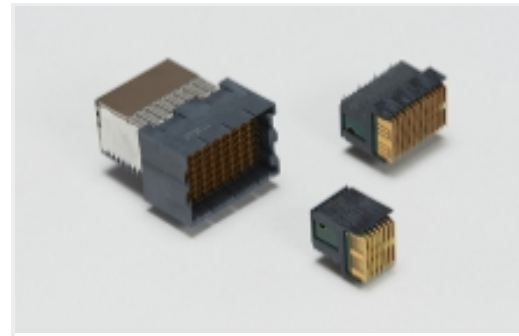
Automotive Housings(1)



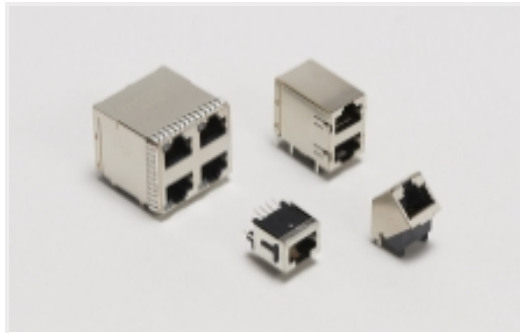
Chassis Mount Resistors(1069)



FFC Connectors(1)



High Speed Backplane Connectors(10)



RJ45 Connectors(1)



Wire-to-Board Connector Assemblies  
& Housings(1)

### Customers Also Bought



TE Part #926893-3  
UNIV.M-N-L.SOCKET



TE Part #2416050-1  
PBES22 40 RB NO LAMP 000 000 NC



TE Part #1623728-1  
BCHE 11 W 100R 5%



TE Part #4-1393240-8  
RT334024



TE Part #2176339-9  
CRGCQ 0603 47R 1%



TE Part #CAT-C339-H85913  
Power Resistors: Aluminum Housed,  
HSA



TE Part #1879450-6  
TE 500W 2R7 5% Bracket



TE Part #8-34072-1  
SPLICE,PG BUTT 12-10



## Documents

### Product Drawings

[HSC300 6R8 5%](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1630027-0\\_N.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1630027-0\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1630027-0\\_N.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

[Aluminium Housed Power Resistors - Type HS Series](#)

English