



Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**  
Resistance Class: **Up to 1kΩ**  
Resistance Value: **4 Ω**  
Power Rating: **100 W**  
Element Type: **Wire Wound**

Features

Product Type Features

|               |                |
|---------------|----------------|
| Resistor Type | Power Resistor |
| Element Type  | Wire Wound     |

Configuration Features

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

Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Operating Voltage           | 1900 VDC  |
| Resistance Class            | Up to 1kΩ |
| Resistance Value            | 4 Ω       |
| Power Rating                | 100 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 |
|--------------------------|----------------------------|

Dimensions

|                |                   |
|----------------|-------------------|
| Product Height | 26 mm[1.024 in]   |
| Product Length | 87.5 mm[3.445 in] |



|               |                  |
|---------------|------------------|
| Product Width | 47.5 mm[1.87 in] |
|---------------|------------------|

Usage Conditions

|                         |            |
|-------------------------|------------|
| Temperature Coefficient | ±50 ppm/°C |
|-------------------------|------------|

Packaging Features

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

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 2025 (247)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                           |
| Solder Process Capability                     | Hand solderable with lead free solder                                                                                          |

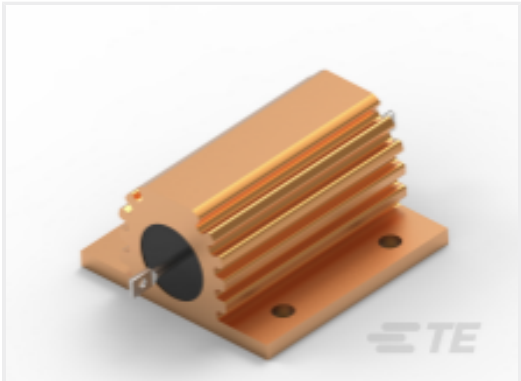
Product Compliance Disclaimer

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%](#)



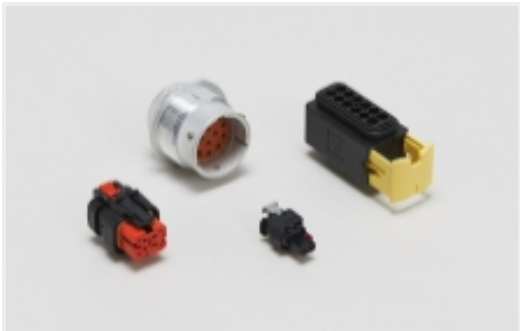
TE Part # CAT-C339-H85913  
[Power Resistors: Aluminum Housed, HSA](#)



TE Part # 1630027-1  
[HSC300 100R 5%](#)



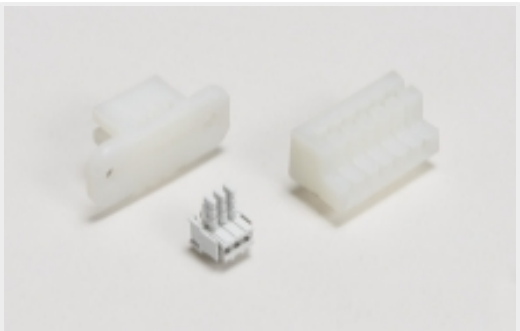
Also in the Series | CGS HS



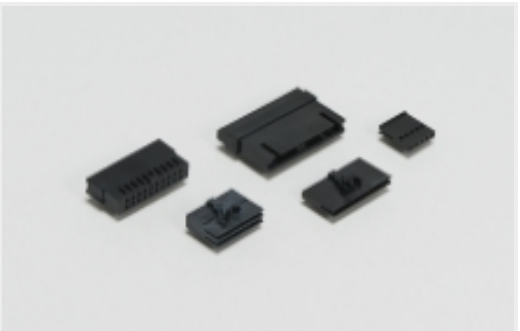
Automotive Housings(1)



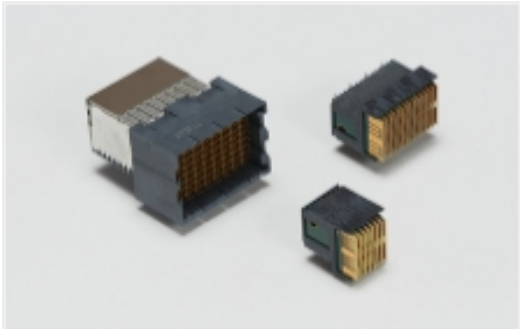
Automotive Signal & Power Connector Housings(1)



Card Edge Connector Housings(1)



FFC Connectors(1)



High Speed Backplane Connectors(10)



RJ45 Connectors(1)

Customers Also Bought



TE Part #T4113001041-000  
M12,MALE,RA,A CODE,4P,PG7,GOLD



TE Part #179228-4  
CT CRIMP-2 REC HSG 4P NATURAL



TE Part #2-328527-1  
TERMINAL,PG R 16-14 8



TE Part #3-1625999-3  
HSC100 3R3 5%



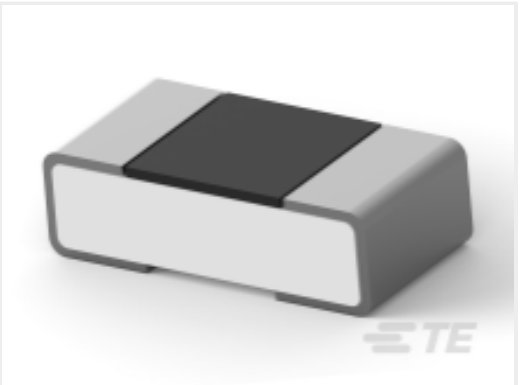
TE Part #4-1625999-0  
HSC100 4R7 5%



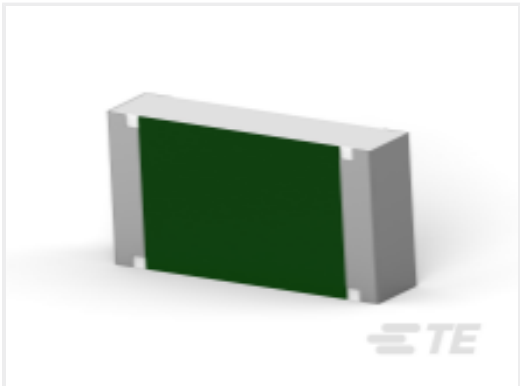
TE Part #2071568-2  
ECP150BHBADA



TE Part #2-2176057-4  
RLP73N 3A R091 1% 1K RL



TE Part #9-2176363-0  
RQ 0402 3K65 0.1% 10PPM 5K RL



TE Part #7-2176398-0  
3502 10M 1%



TE Part #1-6609104-5  
PE0SXSSX0=C1162



Documents

Product Drawings

HSC100 4R0 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-1625999-4\_AH.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-1625999-4\_AH.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-1625999-4\_AH.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

Aluminium Housed Power Resistors - Type HS Series

English

8-1773459-4\_POWER\_FILTERING\_AND\_RESISTIVE\_SOLUTIONS\_FOR\_ELEVATORS\_AND\_ESCALATORS

English