



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



Resistor Type: **Power Resistor**  
Passive Component Dimensions: **87.5 x 47.5 x 26 mm**  
Number of Terminations: **2**  
Packaging Method: **Loose Piece - Tray**  
Passive Component Tolerance: **5 %**

[All Power Resistors: Aluminum Housed, HSC \(125\)](#)

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Voltage Rating              | 1900 VDC  |
| Passive Component Tolerance | 5 %       |
| Resistance Class            | 1kΩ – 1MΩ |
| Resistance Value            | 100K Ω    |
| Power Rating                | 100 W     |

Termination Features

|                                         |            |
|-----------------------------------------|------------|
| Number of Terminations                  | 2          |
| Chassis Mount Resistor Termination Type | Solder Lug |

Mechanical Attachment

|                                    |               |
|------------------------------------|---------------|
| Chassis Mount Resistor Mount Style | Chassis Mount |
|------------------------------------|---------------|

Dimensions

|  |
|--|
|  |
|--|



|                              |                     |
|------------------------------|---------------------|
| Passive Component Dimensions | 87.5 x 47.5 x 26 mm |
|------------------------------|---------------------|

Usage Conditions

|                         |            |
|-------------------------|------------|
| Temperature Coefficient | ±30 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: JUNE 2022 (224)<br>Candidate List Declared Against: JUN 2020 (209)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                           |
| Solder Process Capability                     | Not reviewed 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-H85913B  
Power Resistors: Aluminum Housed, HSC

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



Also in the Series | CGS HS

|                                     |                                                 |                              |                                                  |
|-------------------------------------|-------------------------------------------------|------------------------------|--------------------------------------------------|
|                                     |                                                 |                              |                                                  |
| Automotive Housings(2)              | Card Edge Connector Housings(2)                 | Chassis Mount Resistors(535) | FFC Connectors(1)                                |
|                                     |                                                 |                              |                                                  |
| High Speed Backplane Connectors(11) | Plug & Socket Lighting Connector Accessories(1) | RJ45 Connectors(1)           | Wire-to-Board Connector Assemblies & Housings(2) |

Customers Also Bought

|                                                               |                                         |                                                                   |
|---------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|
|                                                               |                                         |                                                                   |
| TE Part #770680-1<br>23POS,AMPSEAL,SOC HSG ASSY,SLD,<br>COD 1 | TE Part #770678-1<br>SEAL PLUG, AMPSEAL | TE Part #770520-1<br>AMPSEAL,TERMINAL,TIN PLATE,16-<br>20AWG WIRE |

Documents

Product Drawings  
HSC100 100K 5%

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_9-1625999-3\_AH.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_9-1625999-3\_AH.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_9-1625999-3\_AH.3d\_stp.zip

HSC100100KJ

Chassis Mount Resistors, Power Resistor, 87.5 x 47.5 x 26 mm, 2 Termination, Loose Piece - Tray, 5 %, Wire Wound, Resistance Class 1kΩ – 1MΩ, CGS HS



English

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Datasheets & Catalog Pages

Aluminium Housed Power Resistors - Type HS Series

English