



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



Resistor Type: **Power Resistor**
Resistance Class: **Up to 1kΩ**
Resistance Value: **120 Ω**
Power Rating: **100 W**
Element Type: **Wire Wound**

[All Power Resistors: Aluminium Housed, HSC \(589\)](#)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	1900 VDC
Resistance Class	Up to 1kΩ
Resistance Value	120 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
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Dimensions

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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/ $^{\circ}\text{C}$
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Packaging Features

Packaging Method	Loose Piece - Tray
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Product Compliance

For compliance documentation, visit the product page on TE.com>

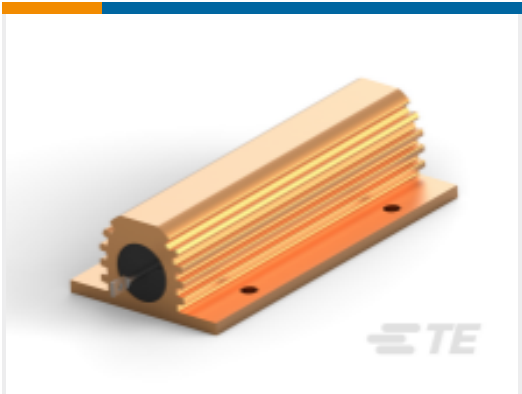
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUL 2021 (219) Does not 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>

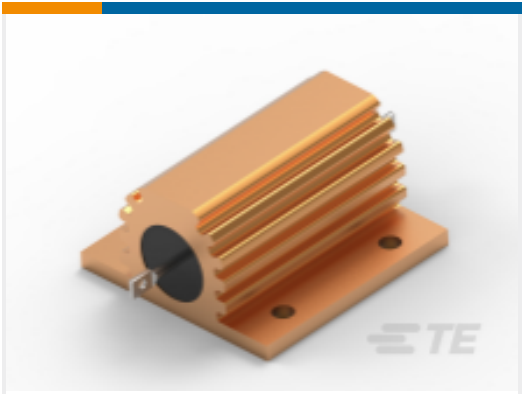
Compatible Parts





TE Part # CAT-C339-H85913B

Power Resistors: Aluminium Housed, HSC



TE Part # CAT-C339-H85913

Power Resistors: Aluminum Housed, HSA

Also in the Series | CGS HS



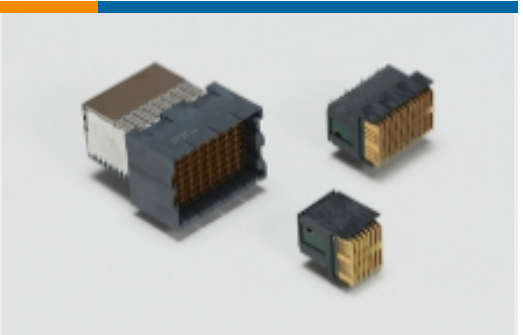
Automotive Housings(9)



Chassis Mount Resistors(1068)



FFC Connectors(1)



High Speed Backplane Connectors(10)



Plug & Socket Lighting Connector Accessories(1)



RJ45 Connectors(1)



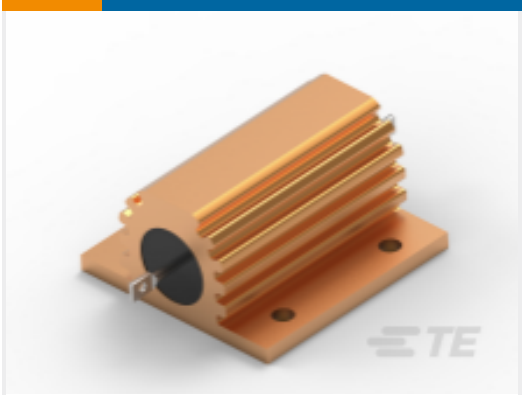
Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought



TE Part # 5747461-3

HD-20 RCPT 25P RA 590 THD INS



TE Part # 3-1625984-0

Power Resistors: Aluminum Housed, HSA



TE Part # 6-1625999-5

Power Resistors: Aluminium Housed, HSC



TE Part # 4-1625890-7

2W SM M/OX 5% 3K3



TE Part # 5406566-2

MJ,2PORT,8P,SHLD,PNL GRDS,CAT5



Documents

Product Drawings

[HSC100 120R 5%](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-1625999-9_AH.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1625999-9_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1625999-9_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

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English

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

English