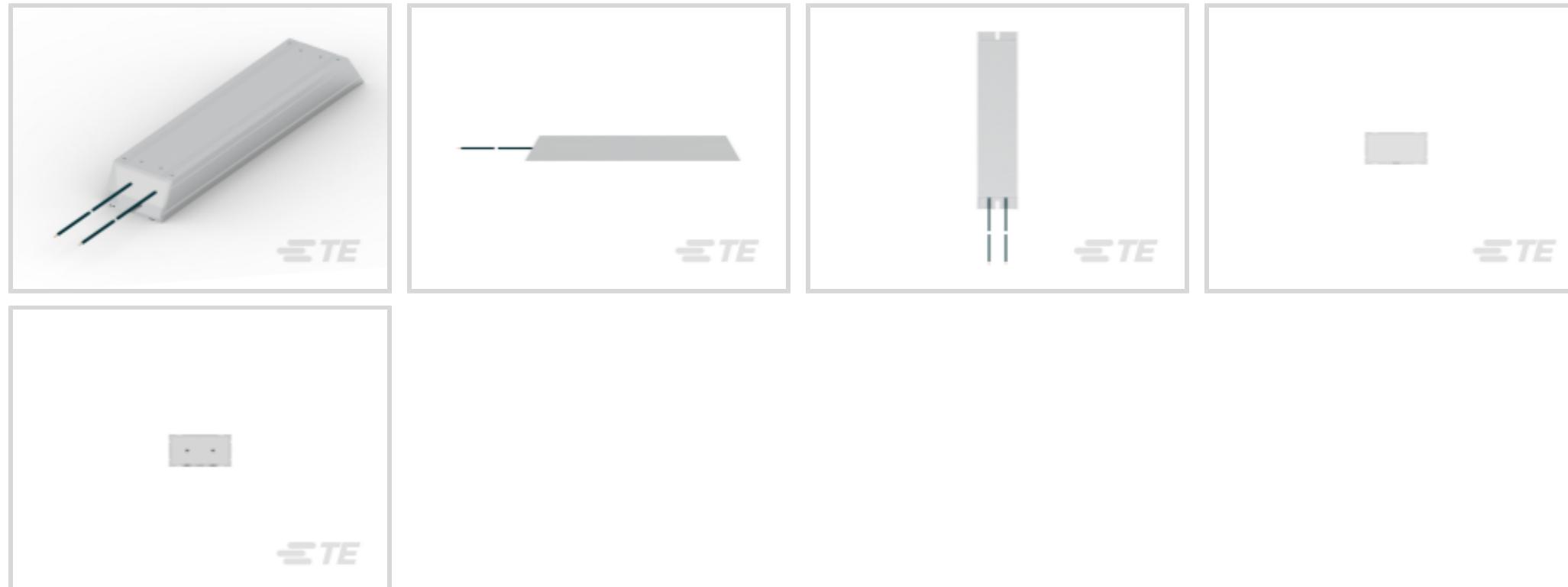


Passive Components > Resistors > Chassis Mount Resistors > Aluminium Housed Braking Resistor: IP54, 200W~500W Power - HCH Series

Resistor Type: **Power Resistor**Resistance Class: **Up to 1k Ω** Resistance Value: **82 Ω** Power Rating: **400 W**Element Type: **Wire Wound**[All Aluminium Housed Braking Resistor: IP54, 200W~500W Power - HCH Series \(34\)](#)

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 Ω
Resistance Value	82 Ω
Power Rating	400 W
Passive Component Tolerance	.05 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Flying Leads

Mechanical Attachment

Panel Mount Feature Type

Flange with Mounting Holes

Dimensions

Product Height

31 mm[1.22 in]

Product Length

265 mm[10.433 in]

Product Width

60 mm[2.362 in]

Usage Conditions

Temperature Coefficient

±200 ppm/°C

Packaging Features

Packaging Method

Loose Piece - Box

Product Compliance

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

Hand solderable with lead free solder

Product Compliance Disclaimer

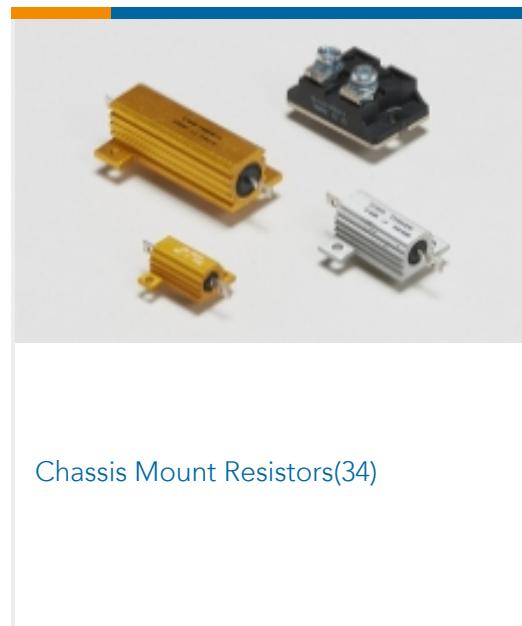
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-LV1-HL5
Aluminium Housed Braking Resistor:
IP54, 200W~500W Power - HCH Series

Also in the Series | CGS HCH



Chassis Mount Resistors(34)

Customers Also Bought



TE Part # 8-2176070-5
3521 33K 1% 2W



TE Part # 34148
PG R 22-16 COMM 22-18 MIL 8

Documents

Product Drawings

HCH265 400W 82R 5% LEAD

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2176465-6_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176465-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176465-6_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Aluminium Housed Braking Resistor Type HCH Series

English