

HCH335J33RJ

✓ ACTIVE

CGS | CGS HCH

TE Internal #: 2176466-3

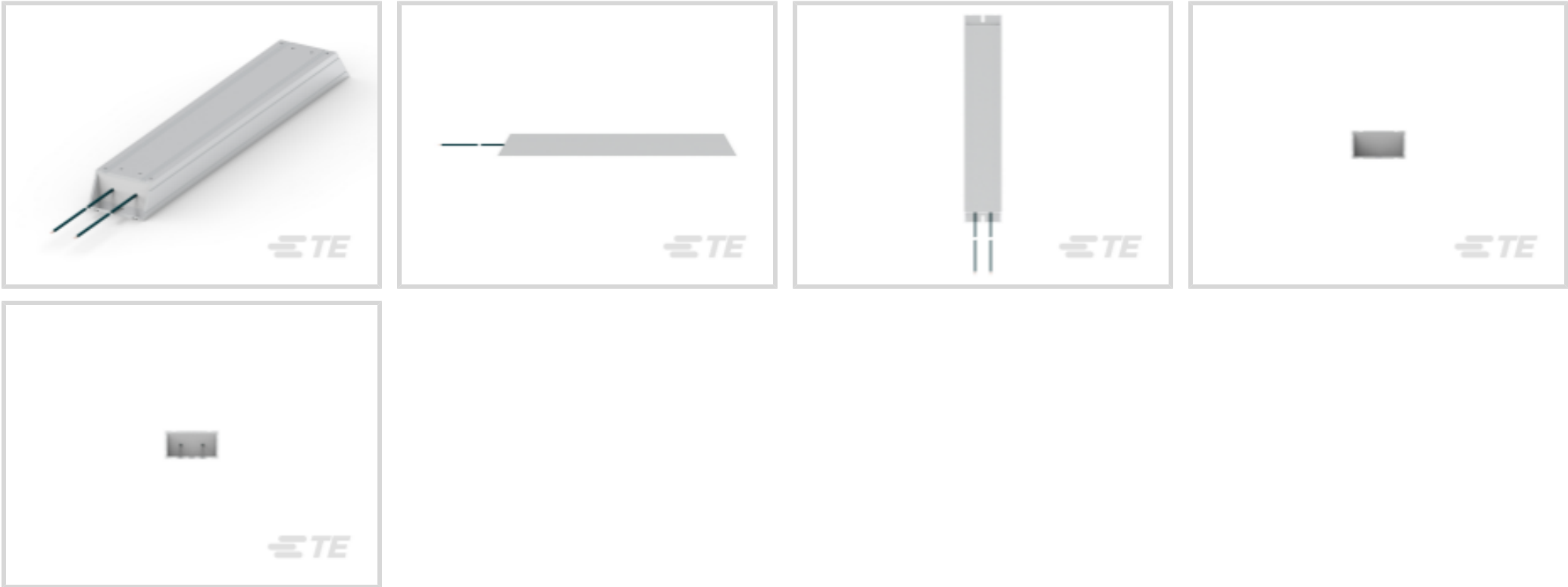
33 ohm, Wire Wound, .05 %, Power Resistor, 500 W, 2 Terminations,
±200 ppm/°C, Flying Leads, Loose Piece - Box, 31 mm [1.22 in]

Height, CGS HCH

[View on TE.com >](#)



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



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **33 Ω**

Power Rating: **500 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
---------------------	---

Electrical Characteristics

Resistance Class	Up to 1kΩ
Resistance Value	33 Ω
Power Rating	500 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	335 mm[13.189 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>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



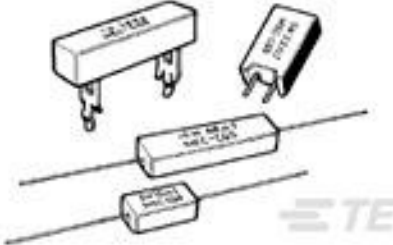
Chassis Mount Resistors(34)

Customers Also Bought



TE Part #2-292173-6

CT BOX HDR H SMT 6P O/TAPE BLA



TE Part #1623795-5

SQP10 220R 5% WIRE



TE Part #6-1676966-7

SMW2 56R 5%



TE Part #7-1879208-1

CPF 0402 8K2 0.1% 25PPM 1K RL



TE Part #3-2176230-0

3522 220R 5% 3W



TE Part #1-2176304-6

RP 1E 0.1W 14R3 0.1% 25PPM 5K RL



TE Part #2176329-7

CRGP 1210 33R 1%



TE Part #3-2176348-8

CRGCQ 2010 1M5 5%

HCH335J33RJ

33 ohm, Wire Wound, .05 %, Power Resistor, 500 W, 2 Terminations, ±200 ppm/°C, Flying Leads, Loose Piece - Box, 31 mm [1.22 in] Height, CGS HCH





TE Part #2328702-6

6PIN 0.5MMP FPC CONNECTOR,
BACK FLIP LOCK



TE Part #2345986-1

USB TYPE C 3.1 TOP MOUNT DUAL
SMT 1.63CH

Documents

Product Drawings

HCH335 500W 33R 5% LEAD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176466-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176466-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176466-3_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