



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



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **470 Ω**

Power Rating: **250 W**

Element Type: **Wire Wound**

[All Power Resistors: Aluminum Housed, HSA \(384\)](#)

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	2200 VAC
Resistance Class	Up to 1kΩ
Resistance Value	470 Ω
Power Rating	250 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	M6 Threaded Stud

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
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Dimensions

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Product Height	42 mm[1.654 in]
Product Length	163 mm[6.417 in]
Product Width	73 mm[2.874 in]

Usage Conditions

Temperature Coefficient	± 30 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: JAN 2024 (240) 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-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)

Other Automotive Connector Accessories(1)

Plug & Socket Lighting Connector Accessories(1)

RJ45 Connectors(1)

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

Customers Also Bought

TE Part # 2-1630186-5

HSA50 60R 5%

TE Part # 1-1614884-1

CPF 0805 5R6 0.1% 25PPM 1K RL

TE Part # 1-2176092-3

RP 2A 0.25W 887R 0.1% 25PPM 1K RL

TE Part # 4-1625868-1

RP 2A 0.25W 14R 0.1% 25PPM 1K RL

TE Part # 5-1625868-9

RP 2A 0.25W 21R5 0.1% 25PPM 1K RL

TE Part # 8-1625868-6

RP 2A 0.25W 41R2 0.1% 25PPM 1K RL

TE Part # AS610-35PN

PLUG BOOT TERMINN TYPE 6

TE Part # 8-2176093-2

RP 2A 0.25W 73K2 0.1% 25PPM 1K RL



Documents

Product Drawings

HSC250 470R 5%

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-1630024-2_U.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1630024-2_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1630024-2_U.3d_stp.zip

English

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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