



Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **470 Ω**

Power Rating: **50 W**

Element Type: **Wire Wound**

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	1250 VAC
Resistance Class	Up to 1kΩ
Resistance Value	470 Ω
Power Rating	50 W
Passive Component Tolerance	1 %

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

Product Height	17 mm[.669 in]
Product Length	72.5 mm[2.854 in]
Product Width	30 mm[1.181 in]

Usage Conditions

Temperature Coefficient	±30 ppm/°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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

HSA50470RF

470 ohm Chassis Mount Resistor, 50 W, Wire Wound, 2 Terminations, ±30 ppm/°C, 1 %, Solder Lug, Loose Piece - Tray, 17 mm [.669 in] Height, CGS HS



TE Part # 6-1630186-2
HSA50 18K 5%

TE Part # 1625999-3
HSC100 10R 5%

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

TE Part # 1630027-1
HSC300 100R 5%

Also in the Series | CGS HS

Automotive Housings(1)

Chassis Mount Resistors(1069)

FFC Connectors(1)

High Speed Backplane Connectors(10)

RJ45 Connectors(1)

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

Customers Also Bought

TE Part #3-1630027-7
HSC300 82R 5%

TE Part #8-1879627-9
H4P 47K 1% 100PPM

TE Part #1658621-2
14 NOVO MIL/CTR 15DP, LEAD FREE

TE Part #3-1879350-3
RR01 5% 4R7 AMMO

TE Part #1622437-1
LR1 1% 330K

TE Part #1487594-1
USB, A-B, 28/28, BLACK, 0.5M

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

TE Part #2-1879351-2
RR01 5% 22K AMMO



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1630186-6_AN.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1630186-6_AN.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1630186-6_AN.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