



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



Resistor Type: **Power Resistor**
Resistance Class: **Up to 1kΩ**
Resistance Value: **680 Ω**
Power Rating: **16 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	265 V
Resistance Class	Up to 1kΩ
Resistance Value	680 Ω
Power Rating	16 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	11 mm[.433 in]
Product Length	36.5 mm[1.437 in]
Product Width	21 mm[.827 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: JAN 2021 (211) 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

HSA10680RJ

680 ohm, Wire Wound, 5 %, Power Resistor, 16 W, 2 Terminations, ±30 ppm/°C, Solder Lug, Loose Piece - Tray, 11 mm [.433 in] Height, CGS HS



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

TE Part # 1630027-1
HSC300 100R 5%

TE Part # 1625999-3
HSC100 10R 5%

Also in the Series | CGS HS

Automotive Housings(1)

Automotive Signal & Power Connector Housings(1)

Card Edge Connector Housings(1)

Chassis Mount Resistors(1069)

FFC Connectors(1)

Customers Also Bought

TE Part #6-1625966-5
HSA10 180R 5%

Documents

Product Drawings

HSA10 680R 5%

English

CAD Files

Customer View Model

ENG_CVM_CVM_6-1625966-8_W.2d_dxf.zip

HSA10680RJ

680 ohm, Wire Wound, 5 %, Power Resistor, 16 W, 2 Terminations, ±30 ppm/°C, Solder Lug, Loose Piece - Tray, 11 mm [.433 in] Height, CGS HS



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6-1625966-8_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-1625966-8_W.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

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

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English