



CGS | CGS HS

TE Internal #: 1630027-1

CGS HS, Chassis Mount Resistors, Power Resistor, 180 x 41 x 71.4 mm, 2 Termination, Loose Piece - Tray, 5 %, Wire Wound, Resistance Class Up to 1kΩ

[View on TE.com >](#)

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



Resistor Type: **Power Resistor**

Passive Component Dimensions: **180 x 41 x 71.4 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Tray**

Passive Component Tolerance: **5 %**

[All Power Resistors: Aluminum Housed, HSC \(125\)](#)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	2500 VAC
Passive Component Tolerance	5 %
Resistance Class	Up to 1kΩ
Resistance Value	100 Ω
Power Rating	300 W

Termination Features

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

Mechanical Attachment

Chassis Mount Resistor Mount Style	Chassis Mount
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Dimensions



Passive Component Dimensions	180 x 41 x 71.4 mm
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Usage Conditions

Temperature Coefficient	±50 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 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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-H85913
Power Resistors: Aluminum Housed, HSA



TE Part # CAT-C339-H85913B
Power Resistors: Aluminum Housed, HSC



TE Part # CAT-C339-H85913A
Power Resistors: Aluminum Housed, HSA



TE Part # CAT-C339-H85913C
Power Resistors: Aluminum Housed, NHS



TE Part # 6-1625966-1
HSA10 390R 5%




TE Part # 4-1625966-6
HSA10 820R 5%

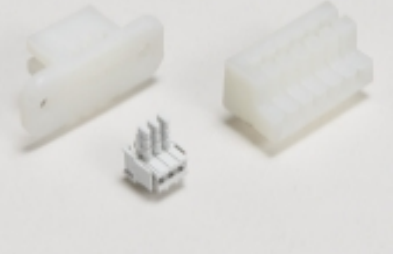


TE Part # 2-1625995-2
HSC75 30R 5%


Also in the Series | CGS HS



Automotive Housings(2)



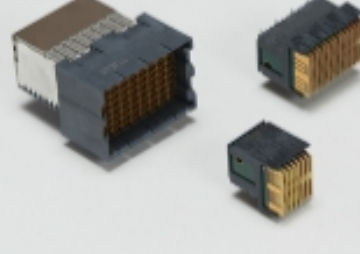
Card Edge Connector Housings(2)




Chassis Mount Resistors(535)



FFC Connectors(1)



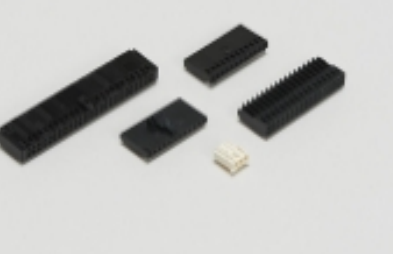
High Speed Backplane Connectors(11)



Plug & Socket Lighting Connector Accessories(1)



RJ45 Connectors(1)



Wire-to-Board Connector Assemblies & Housings(2)

Customers Also Bought



TE Part #1630012-1
Power Resistors: Aluminum Housed, HSA



TE Part #8-33467-3
TERMINAL,SOLIS R 6 3/8



TE Part #T2040244101-000
HE-024-MC



TE Part #178803-3
DYNAMIC D3100D TAB HSG PM 6P



Documents

Product Drawings

[HSC300 100R 5%](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1630027-1_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1630027-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1630027-1_N.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

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

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English