

HSA25R15J ✓ ACTIVE

CGS | CGS HS

TE Internal #: 9-1625971-9

.15 ohm Chassis Mount Resistor, 25 W, Wire Wound, 2

Terminations, ± 50 ppm/ $^{\circ}\text{C}$, 5 %, Solder Lug, Loose Piece - Tray, 15 mm [.591 in] Height, CGS HS

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



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1k Ω**

Resistance Value: **.15 Ω**

Power Rating: **25 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	500 VDC
Resistance Class	Up to 1k Ω
Resistance Value	.15 Ω
Power Rating	25 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



Product Height	15 mm[.591 in]
Product Length	51 mm[2.008 in]
Product Width	28 mm[1.102 in]

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 with Exemptions
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: JUNE 2024 (241) 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




TE Part # 1630027-1
HSC300 100R 5%




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



TE Part # 1625999-3
HSC100 10R 5%

Also in the Series | CGS HS



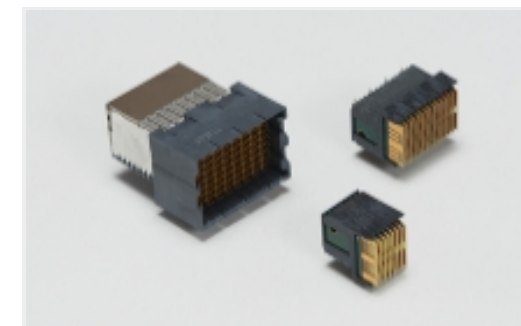
Automotive Housings(1)



Chassis Mount Resistors(1070)



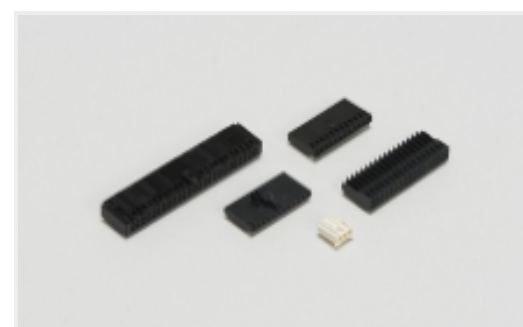
FFC Connectors(1)



High Speed Backplane Connectors(10)



RJ45 Connectors(1)



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

Customers Also Bought



TE Part #1-1625999-4
HSC100 1R0 5%



TE Part #2-1625999-6
HSC100 2R2 5%



TE Part #1879075-2
THS25 R02 5%



TE Part #9-2176389-2
RQ 1206 953R 0.1% 10PPM 5K RL



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



TE Part #3-1625999-2
HSC100 3R0 5%



TE Part #5-2176369-4
RQ 0603 143R 0.1% 10PPM 5K RL



TE Part #3-2176456-2
CPF 0603 2R1 0.1% 25ppm 1K RL



Documents

Product Drawings

[HSA25 R15 5%](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_9-1625971-9_M.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_9-1625971-9_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-1625971-9_M.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