

HSA5R33J ✓ ACTIVE

CGS | CGS HS

TE Internal #: 7-1625963-6

.33 Ω , Wire Wound, Power Resistor, 30 x 17 x 9 mm, 2 Termination,
Loose Piece - Tray, 5 %, 10 W, ± 50 ppm/ $^{\circ}\text{C}$, Solder Lug
Termination, CGS HS

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



Resistor Type: **Power Resistor**

Passive Component Dimensions: **30 x 17 x 9 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Tray**

Passive Component Tolerance: **5 %**

[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

Voltage Rating	160 V
Passive Component Tolerance	5 %
Resistance Class	Up to 1k Ω
Resistance Value	.33 Ω
Power Rating	10 W

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Solder Lug

Mechanical Attachment

Chassis Mount Resistor Mount Style	Chassis Mount
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Dimensions



Passive Component Dimensions	30 x 17 x 9 mm
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Usage Conditions

Temperature Coefficient	± 50 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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: Aluminum Housed, HSC

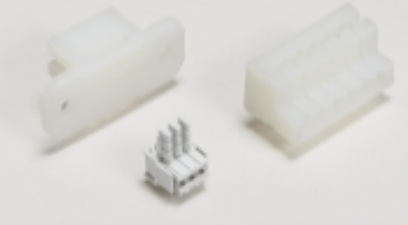


TE Part # CAT-C339-H85913
Power Resistors: Aluminum Housed, HSA


Also in the Series | CGS HS




Automotive Housings(30)



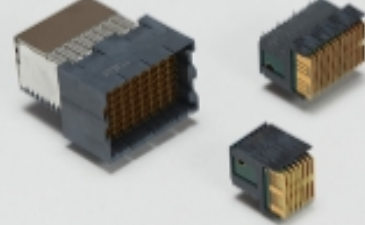
Card Edge Connector Housings(2)



Chassis Mount Resistors(603)




FFC Connectors(1)



High Speed Backplane Connectors(11)




PCB Headers & Receptacles(2)



Plug & Socket Lighting Connector Accessories(1)



RJ45 Connectors(1)



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

Customers Also Bought



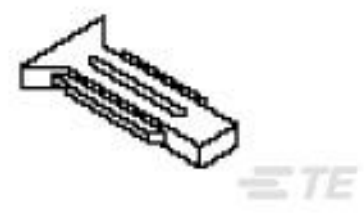
TE Part #2-1318118-6
DYNAMIC D2100 REC 12P DBL Y



TE Part #4-1879073-8
THS10 5K6 5%



TE Part #5530843-3
CONN SEC II 18 POS 100C/L



TE Part #650025-2
KEY PLUG-SHORT



TE Part #1-480701-2
03P UMNL CAP HSG RED



TE Part #62048-2
250 FASTON REC 18-14 AWG TPBR



TE Part #7-5530843-7
CONN SEC II 3 POS 100C/L



TE Part #1565917-4
EMBOSS ASSY DDR2 SODIMM
SOCKET 200P 5.2H



TE Part #927742-2
2 POS FASTIN/ON HOUSING PANEL
MOUNT



TE Part #284930-4
DUOPLUG Standard, female conn.

Documents

Product Drawings

[HSA5 R33 5%](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_7-1625963-6_U.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_7-1625963-6_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1625963-6_U.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

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

English