

HSA5R18J

✓ ACTIVE

CGS | CGS HS

TE Internal #: 5-1625963-9

.18 ohm Chassis Mount Resistor, 10 W, Wire Wound, 2

Terminations, ±50 ppm/°C, 5 %, Solder Lug, Loose Piece - Tray, 9 mm [.354 in] Height, CGS HS

[View on TE.com >](#)



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



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **.18 Ω**

Power Rating: **10 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	160 V
Resistance Class	Up to 1kΩ
Resistance Value	.18 Ω
Power Rating	10 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	9 mm[.354 in]
Product Length	31 mm[1.22 in]
Product Width	17 mm[.669 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
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 2025 (247) 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 # 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 #1-794612-2
PIN CONT 20-24 30 GOLD L/P

TE Part #2176731-3
HSC100S R082 5% Screw Terminal

TE Part #1879073-6
THS10 R33 5%

TE Part #1445022-2
MICRO MNL RECEPT HSG SINGLE R

TE Part #1-794610-2
MICRO MNL RPT CNT,LS PC 30AU L

TE Part #1445049-2
FREE HANG SNGL ROW HSG 2 POS

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



Documents

Product Drawings

HSA5 R18 5%

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-1625963-9_U.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1625963-9_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1625963-9_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