

# HSC15050RJ ✓ ACTIVE

CGS | CGS HS

TE Internal #: 4-1630012-2

50  $\Omega$ , Wire Wound, Power Resistor, 122 x 47.5 x 26 mm, 2

Termination, Loose Piece - Tray, 5 %, 150 W,  $\pm 50$  ppm/ $^{\circ}$ C, Solder

Lug Termination, CGS HS

[View on TE.com >](#)



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



Resistor Type: **Power Resistor**

Passive Component Dimensions: **122 x 47.5 x 26 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	2500 VDC
Passive Component Tolerance	5 %
Resistance Class	Up to 1k $\Omega$
Resistance Value	50 $\Omega$
Power Rating	150 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	122 x 47.5 x 26 mm
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### Usage Conditions

Temperature Coefficient	$\pm 50$ ppm/ $^{\circ}$ 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: JUL 2021 (219) 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	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-H85913B  
Power Resistors: Aluminum Housed, HSC

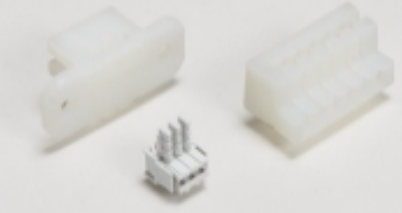


TE Part # CAT-C339-H85913  
Power Resistors: Aluminum Housed, HSA

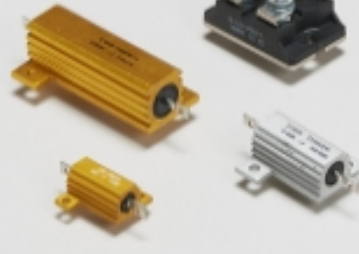
### Also in the Series | CGS HS



Automotive Housings(30)



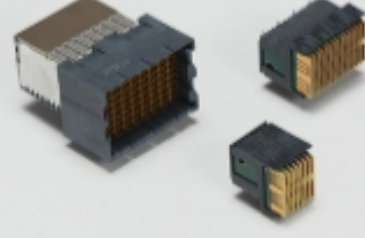
Card Edge Connector Housings(2)



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 #1630027-1  
HSC300 100R 5%



TE Part #5102154-4  
A/L UNIV HDR 20P VERT



TE Part #1630012-1  
HSC150 100R 5%



TE Part #T4161410005-002  
RPC-M12-FR-5CON-PVC-1.0SH



TE Part #1825851-1  
AMPMODU MOD IV LATCH for  
AMPLA




TE Part #1571076-9  
PRASA1-16F-BB000=POWER ROCKER



TE Part #T4012008031-000  
M8 Field Installable



TE Part #1-1827863-3  
DYNAMIC 1100D REC HSG X 26P  
BLACK



TE Part #9-1625999-8  
HSC100 20R 5% HIGH VOLUME

## Documents

### Product Drawings

[HSC150 50R 5%](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1630012-2\\_S.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1630012-2\\_S.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_4-1630012-2\\_S.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

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

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50  $\Omega$ , Wire Wound, Power Resistor, 122 x 47.5 x 26 mm, 2 Termination, Loose Piece -  
Tray, 5 %, 150 W,  $\pm 50$  ppm/ $^{\circ}$ C, Solder Lug Termination, CGS HS

