

### CGS | CGS HS

TE Internal #: 4-1630012-2

Power Resistor, 50 ohm, 150 W, Wire Wound, 2 Termination, ±50 ppm/°C, 5 %, Solder Lug Termination, Loose Piece - Tray, 1

Resistor, 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  $1k\Omega$  Resistance Value:  $50 \Omega$  Power Rating: 150 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
Electrical Characteristics	
Operating Voltage	2500 VDC
Resistance Class	Up to $1k\Omega$
Resistance Value	50 Ω
Power Rating	150 W
Passive Component Tolerance	5 %
Termination Features	
Number of Terminations	2
Chassis Mount Resistor Termination Type	Solder Lug

**Dimensions** 

**Mechanical Attachment** 

Panel Mount Feature Type

Flange with Mounting Holes



Product Height	26 mm[1.024 in]
Product Length	122 mm[4.803 in]
Product Width	47.5 mm[1.87 in]
Usage Conditions	
Temperature Coefficient	±50 ppm/°C
Packaging Features	
Packaging Method	Loose Piece - Tray

## **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 2024 (241) 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-H85913
Power Resistors: Aluminum Housed,
HSA

## Power Resistors: Aluminium Housed, HSC

# Also in the Series | CGS HS



Automotive Housings(9)



Chassis Mount Resistors(1068)



FFC Connectors(1)



High Speed Backplane Connectors(10)



RJ45 Connectors(1)



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

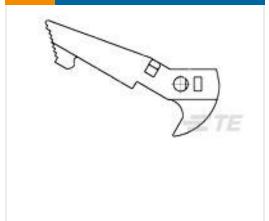
# Customers Also Bought



TE Part #1630027-1 HSC300 100R 5%



TE Part #6-1625999-9 Power Resistors: Aluminum Housed, HSA



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



TE Part #9-1625999-8 HSC100 20R 5% HIGH VOLUME TE Part #2176297-1 HSC100 100R 5% MOQ 2000



## **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