# HSC100R22J ✔ ACTIVE

CGS | CGS HS

TE Internal #: 5-1625999-2

Chassis Mount Resistors, Power Resistor, 87.5 x 47.5 x 26 mm, 2 Termination, Loose Piece - Tray, 5 %, Wire Wound, Resistance Class Up to 1kΩ, CGS HS

View on TE.com >

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



Resistor Type: **Power Resistor**

Passive Component Dimensions: **87.5 x 47.5 x 26 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Tray**

Passive Component Tolerance: **5 %**

All Power Resistors: Aluminum Housed, HSC (125)

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Power Resistor |
| Element Type | Wire Wound |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Voltage Rating | 1900 VDC |
| Passive Component Tolerance | 5 % |
| Resistance Class | Up to 1kΩ |
| Resistance Value | .22 Ω |
| Power Rating | 100 W |

### Termination Features

| | |
|---|---|
| Number of Terminations | 2 |
| Chassis Mount Resistor Termination Type | Solder Lug |

### Mechanical Attachment

| | |
|---|---|
| Chassis Mount Resistor Mount Style | Chassis Mount |

### Dimensions

| | |
|---|---|
| Passive Component Dimensions | 87.5 x 47.5 x 26 mm |

### Usage Conditions

| | |
|---|---|
| Temperature Coefficient | ±50 ppm/°C |

### Packaging Features

| | |
|---|---|
| Packaging Method | Loose Piece - Tray |

## Product Compliance

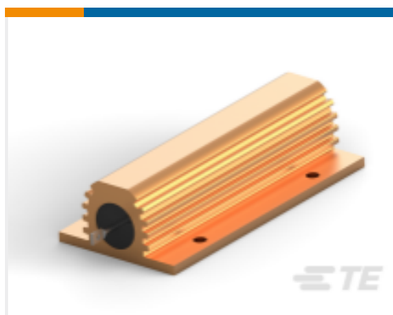
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2022 (224)<br>Candidate List Declared Against: JUN 2020 (209)<br>Does not contain REACH SVHC |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Hand solderable with lead free solder |

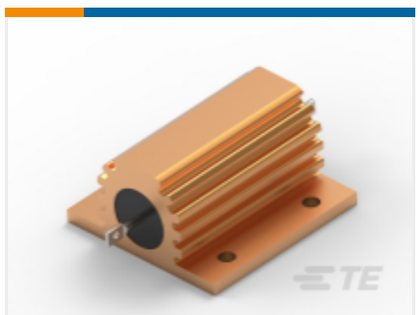
Product Compliance Disclaimer

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(2)



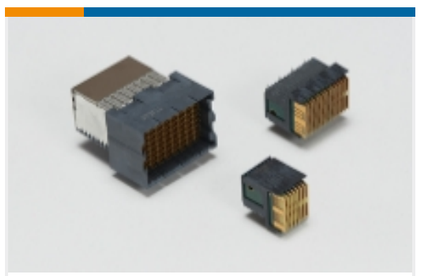
Card Edge Connector Housings(2)



Chassis Mount Resistors(535)



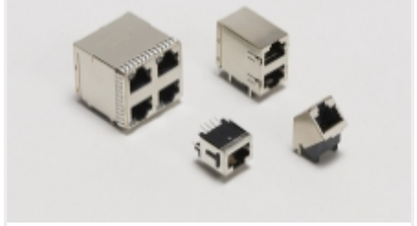
FFC Connectors(1)



High Speed Backplane Connectors(11)



Plug & Socket Lighting Connector Accessories(1)



RJ45 Connectors(1)



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

## Customers Also Bought



TE Part #211401-1
RECEPT,SZ 13-7,CPC



TE Part #211399-1
CPC PLUG ASSEMBLY SIZE 13-7



TE Part #0460-208-12141
DEUTSCH SOLID CONTACTS



TE Part #2-1462037-3
IM06GR=IM Relay 140mW 12V



TE Part #66100-8
III+ SKT,18-16,15AU/FL,STRIP



TE Part #66255-8
MALE CONTACT ASSY. (STRIP)



TE Part #1879355-1
RR03 5% 4K3 AMMO



TE Part #6-66460-4
PIN,.062 DIA,.025 SQ POST,LP

## Documents

### Product Drawings

HSC100 R22 5%

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_5-1625999-2_AH.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_5-1625999-2_AH.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_5-1625999-2_AH.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

Aluminium Housed Power Resistors - Type HS Series

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English