

# HSA25R01J ✓ ACTIVE

CGS | CGS HS

TE Internal #: 7-1625971-5

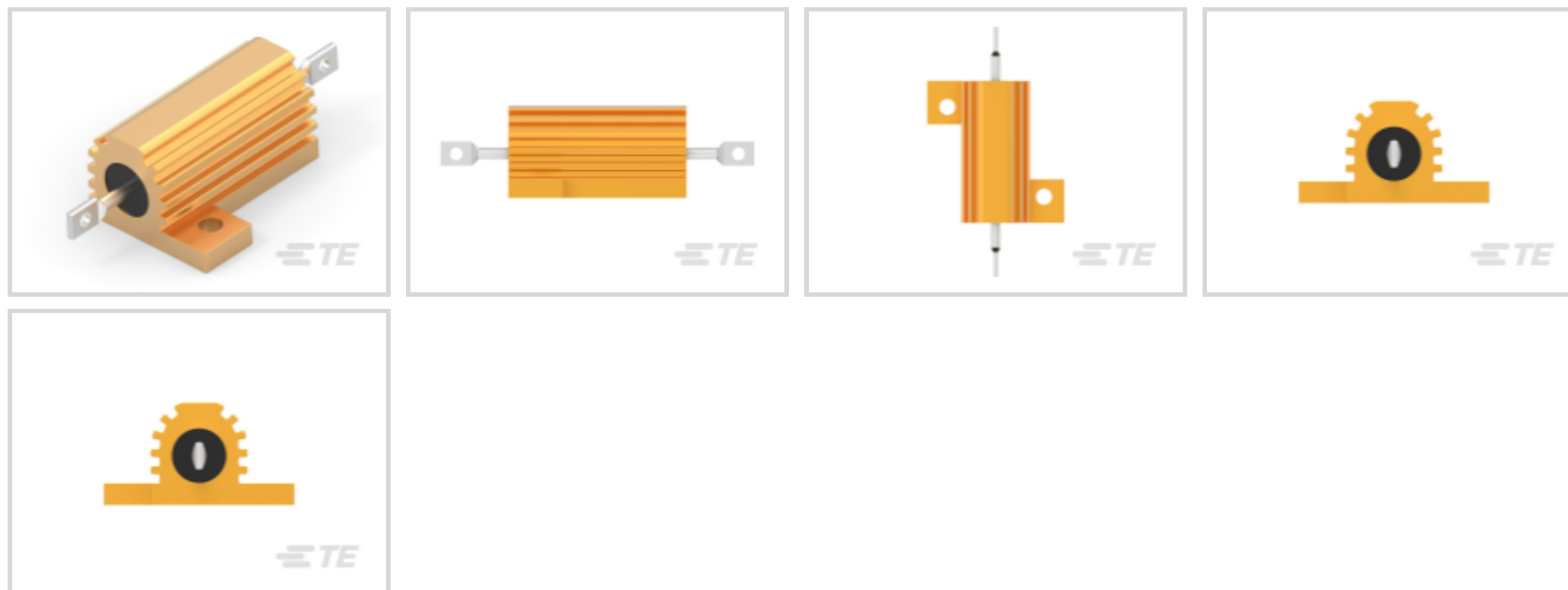
.01 ohm, Wire Wound, 5 %, Power Resistor, 25 W, 2 Terminations,  
±50 ppm/°C, Solder Lug, Loose Piece - Tray, 15 mm [.591 in]

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: **.01 Ω**

Power Rating: **25 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	500 VDC
Resistance Class	Up to 1kΩ
Resistance Value	.01 Ω
Power Rating	25 W
Passive Component Tolerance	5 %

### Termination Features

Number of Terminations	2
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Chassis Mount Resistor Termination Type Solder Lug

**Mechanical Attachment**

Panel Mount Feature Type	Flange with Mounting Holes
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**Dimensions**

Product Height	15 mm[.591 in]
Product Length	51 mm[2.008 in]
Product Width	28 mm[1.102 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**

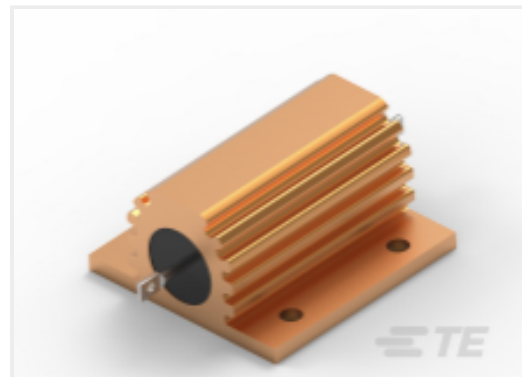
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Hand solderable with lead free solder

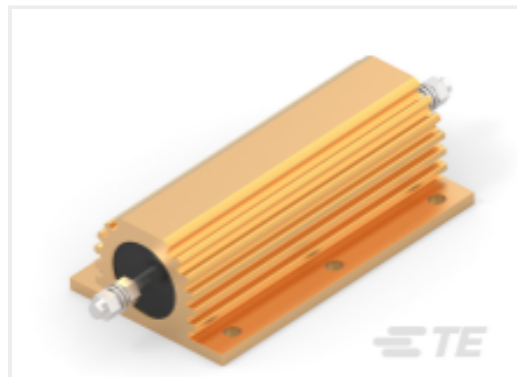
Product Compliance Disclaimer

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>

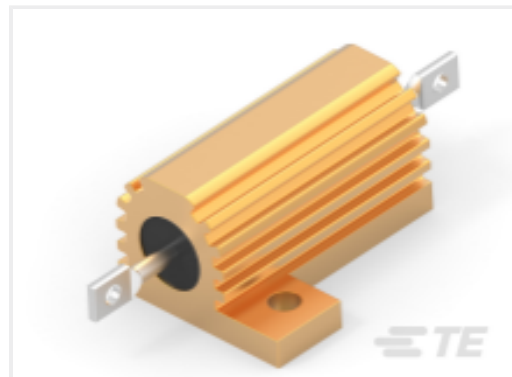
## Compatible Parts



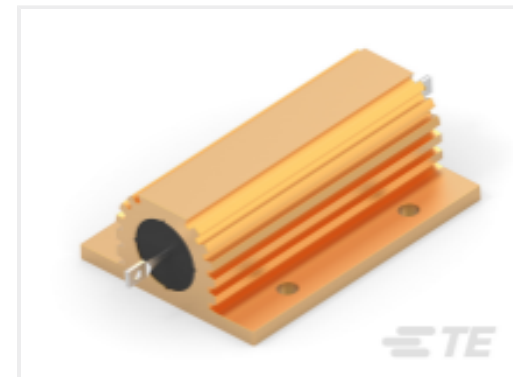
TE Part # CAT-C339-H85913  
Power Resistors: Aluminum Housed, HSA



TE Part # 1630027-1  
HSC300 100R 5%



TE Part # 7-1625971-4  
HSA25 R01 3%



TE Part # 1625999-3  
HSC100 10R 5%

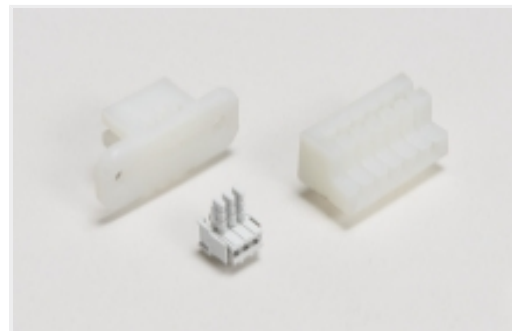
## Also in the Series | CGS HS



Automotive Housings(1)



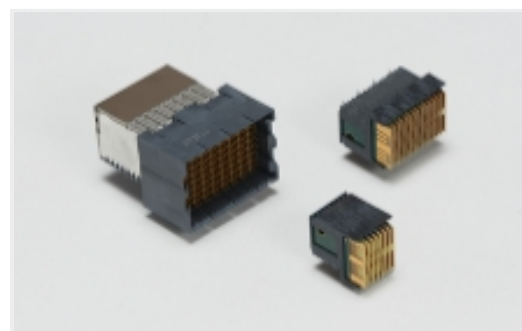
Automotive Signal & Power Connector Housings(1)



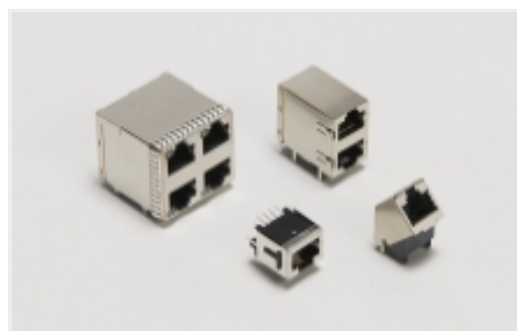
Card Edge Connector Housings(1)



FFC Connectors(1)

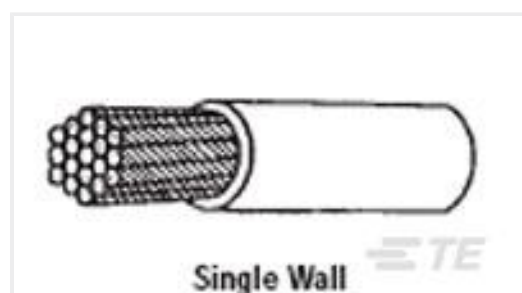


High Speed Backplane Connectors(10)

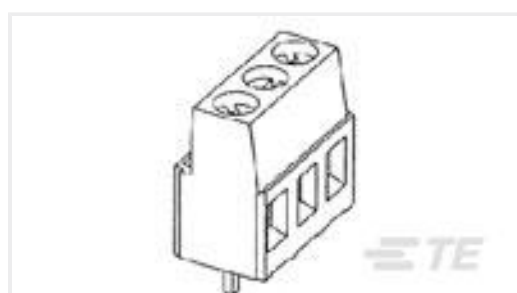


RJ45 Connectors(1)

## Customers Also Bought



TE Part #465911-000  
82A0111-26-9



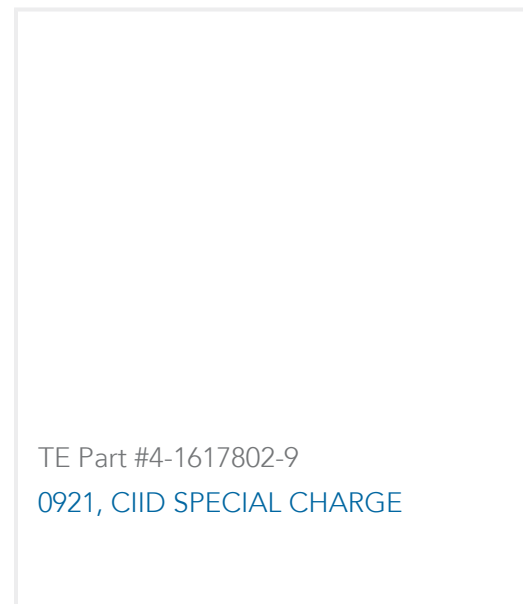
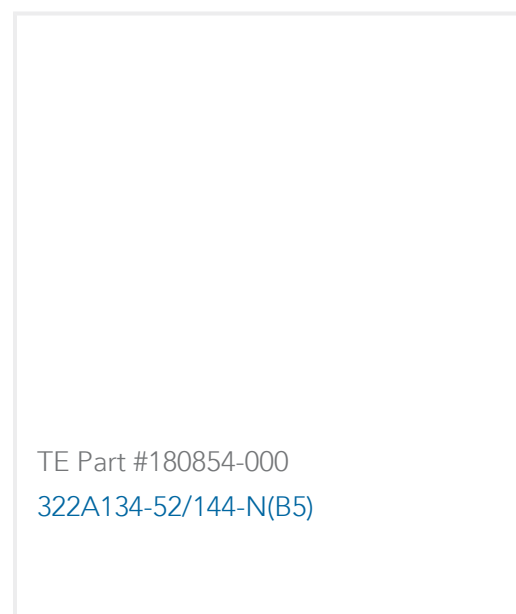
TE Part #282856-2  
TERMI-BLOK PCB MOUNT 2P



TE Part #1-331677-4  
SOCKET,MIN-SPR AU SER-3



TE Part #1-1546671-0  
10P.437" DR BARRIER,W/WIR CLMP



## Documents

### Product Drawings

#### HSA25 R01 5%

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1625971-5\\_M.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1625971-5\\_M.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1625971-5\\_M.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

HSA25R01J

.01 ohm, Wire Wound, 5 %, Power Resistor, 25 W, 2 Terminations,  $\pm 50$  ppm/ $^{\circ}$ C,  
Solder Lug, Loose Piece - Tray, 15 mm [.591 in] Height, CGS HS

