HSC300680RJ ✔ ACTIVE

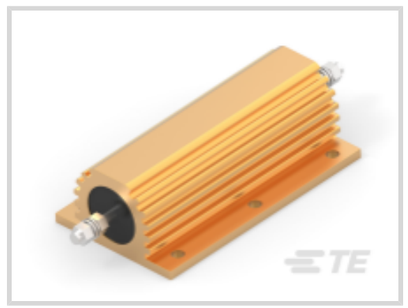
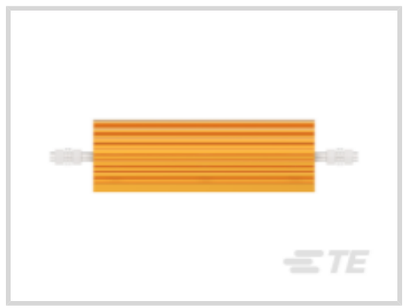
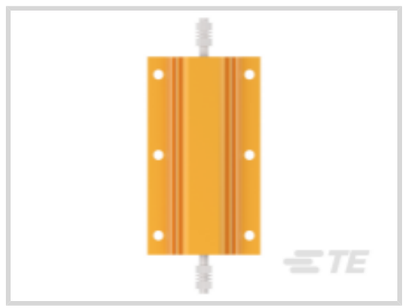
CGS | CGS HS

TE Internal #: 1-1630027-8

680 ohm, Wire Wound, 5 %, Power Resistor, 300 W, 2 Terminations, ±30 ppm/°C, M6 Threaded Stud, Loose Piece - Tray, 41 mm [1.614 in] Height, CGS HS

View on TE.com >

Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **680 Ω**

Power Rating: **300 W**

Element Type: **Wire Wound**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	2500 VAC
Resistance Class	Up to 1kΩ
Resistance Value	680 Ω
Power Rating	300 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	M6 Threaded Stud

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes

Dimensions

Product Height	41 mm[1.614 in]
Product Length	180 mm[7.087 in]
Product Width	71.4 mm[2.811 in]

Usage Conditions

Temperature Coefficient	±30 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Tray

Product Compliance

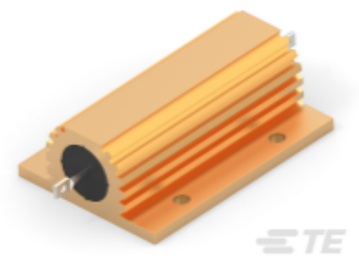
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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: JAN 2025 (247) 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	Not applicable for solder process capability

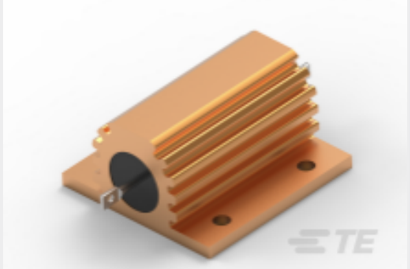
Product Compliance Disclaimer

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

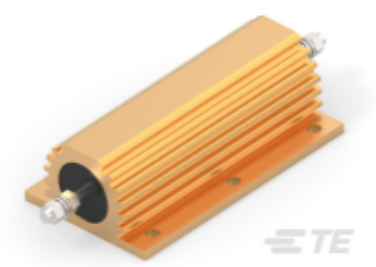
Compatible Parts



TE Part # 1625999-3
HSC100 10R 5%



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



TE Part # 1630027-1
HSC300 100R 5%

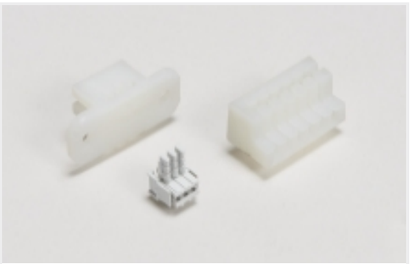
Also in the Series | CGS HS



Automotive Housings(1)



Automotive Signal & Power Connector Housings(1)



Card Edge Connector Housings(1)



Chassis Mount Resistors(1069)



FFC Connectors(1)

Customers Also Bought



TE Part #ANT-LTE-CER-T
Antenna CER LTE 37x5 SMT T&R



TE Part #1-1337548-0
BNC RM BHJ Hex 50Ohm Nickel Pltd RG174A/



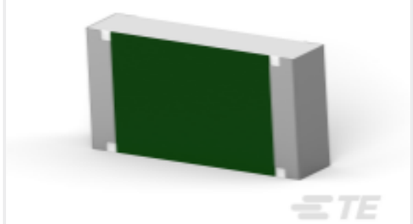
TE Part #3-1625999-7
HSC100 4K7 5%



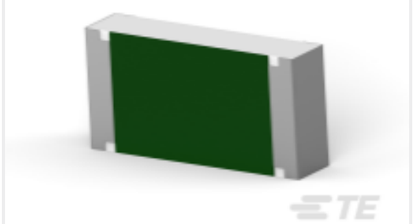
TE Part #4-1625999-1
HSC100 50K 5%



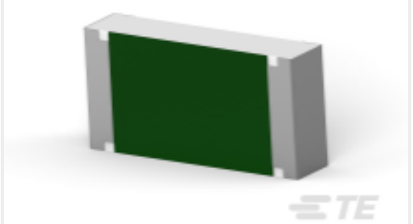
TE Part #4-1879134-3
RN 0603 27K4 0.1% 10PPM 1K RL



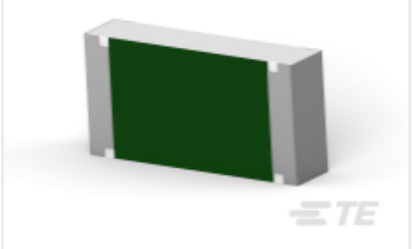
TE Part #4-2176397-6
3502 75R 1%



TE Part #8-2176397-3
3502 2K7 1%



TE Part #8-2176397-9
3502 4K7 1%



TE Part #1-2176398-4
3502 47K 1%



TE Part #1-2317658-0
AV25 SPL 3A MOVING RING POWER BLUE 24V

Documents

Product Drawings

HSC300 680R 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1630027-8_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1630027-8_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1630027-8_N.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