HSC3002R8J ✔ ACTIVE

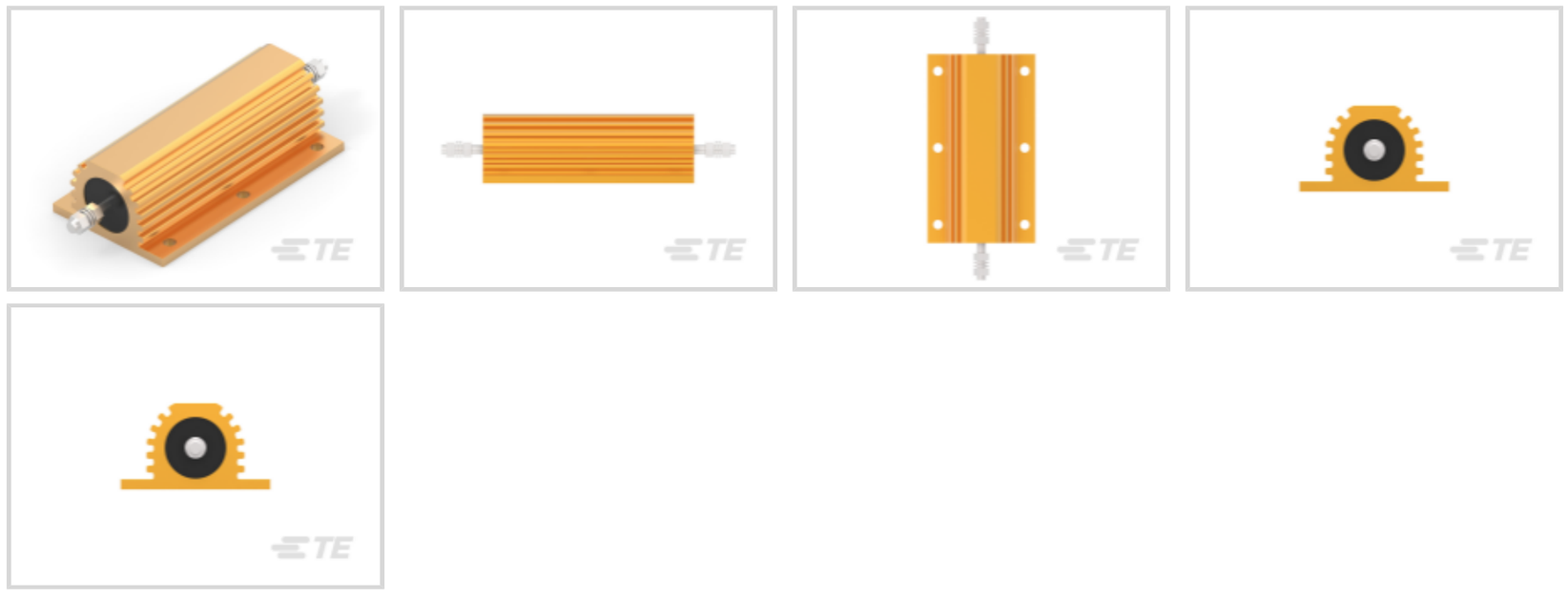
CGS | CGS HS

TE Internal #: 4-1630027-3

2.8 ohm, Wire Wound, 5 %, Power Resistor, 300 W, 2 Terminations, ±50 ppm/°C, M6 Threaded Stud, Loose Piece - Box, 41 mm [1.614 in] Height, CGS HS

View on TE.com >

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



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **2.8 Ω**

Power Rating: **300 W**

Element Type: **Wire Wound**

All Power Resistors: Aluminium Housed, HSC (485)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Resistance Class	Up to 1kΩ
Resistance Value	2.8 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	±50 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Box

Product Compliance

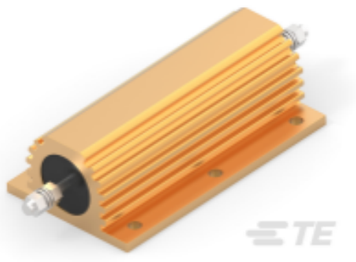
For compliance documentation, visit the product page on TE.com>

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

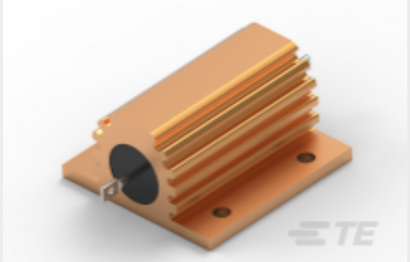
Product Compliance Disclaimer

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

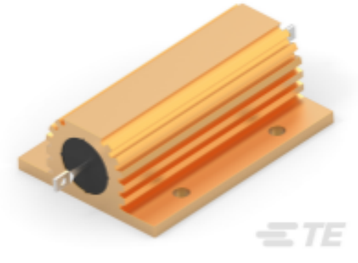
Compatible Parts



TE Part # 1630027-1
HSC300 100R 5%



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



TE Part # 1625999-3
HSC100 10R 5%

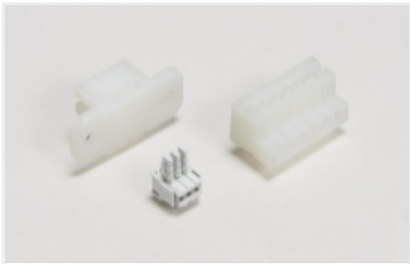
Also in the Series | CGS HS



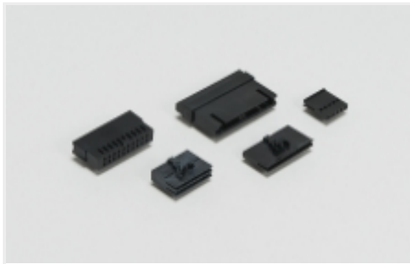
Automotive Housings(1)



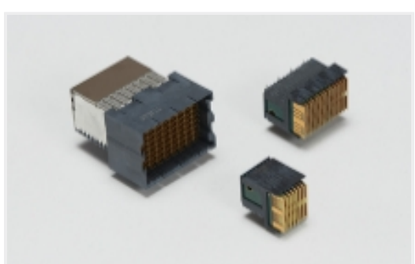
Automotive Signal & Power Connector Housings(1)



Card Edge Connector Housings(1)



FFC Connectors(1)



High Speed Backplane Connectors(10)

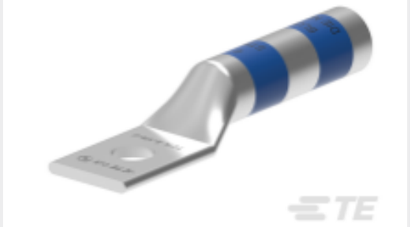


RJ45 Connectors(1)

Customers Also Bought



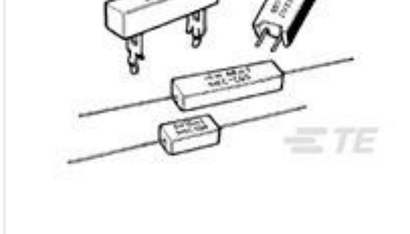
TE Part #T4151210004-003
RPC-M12-MR-4CON-PVC-1.5



TE Part #EN3750-475
TCTL-1-5/16-U



TE Part #3-644488-3
13P MTA100 SHRD HDR F/L R/A SN



TE Part #1623804-3
SQZ10 3R9 5% WIRE



TE Part #9-2176414-1
7W STD M/OX 5% 110K



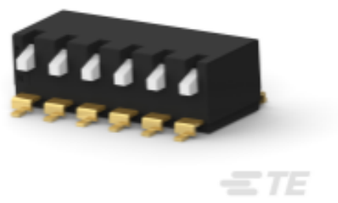
TE Part #7-2176460-2
SMF 7W 1M0 5% Taped



TE Part #2307725-8
8P,2MM,B-B,REC,SRHZ,SMD,0.1AU,TR



TE Part #CAT-P851-T1
PCB Power Relay: 30 amp, Monostable DC



TE Part #1-2319764-3
E STACK PIANO 6P G LONG TUBE PD OFF

Documents

Product Drawings

HSC300 2R8 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1630027-3_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1630027-3_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1630027-3_N.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