HSC3003R3G ✔ ACTIVE

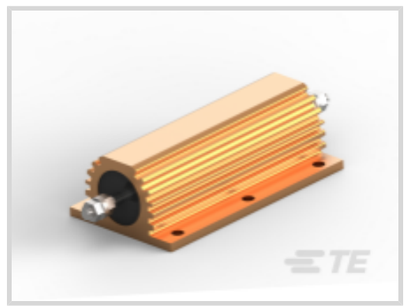
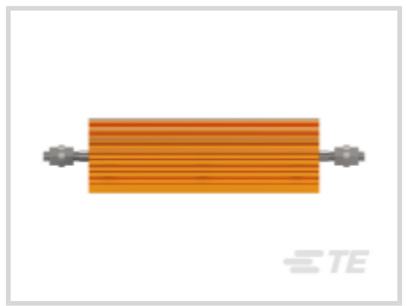
CGS | CGS HS

TE Internal #: 3-1630027-5

3.3 ohm, Wire Wound, 2 %, 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




Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **3.3 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	3.3 Ω
Power Rating	300 W
Passive Component Tolerance	2 %

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

Operating Temperature Range	-55 – 200 °C[-67 – 392 °F]
Temperature Coefficient	±50 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Box

Product Compliance

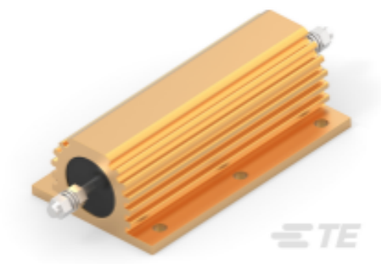
For compliance documentation, visit the product page on TE.com>

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 # 3-1630027-4
HSC300 R10 5%

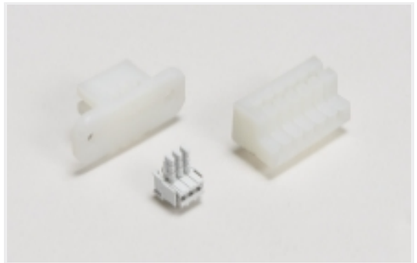
Also in the Series | CGS HS



Automotive Housings(1)



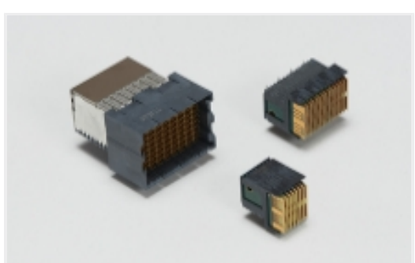
Automotive Signal & Power Connector Housings(1)



Card Edge Connector Housings(1)



FFC Connectors(1)



High Speed Backplane Connectors(10)



RJ45 Connectors(1)

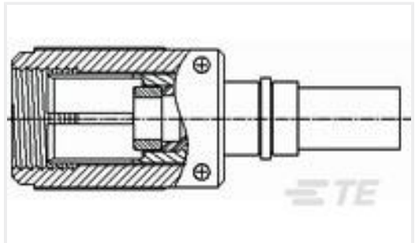
Customers Also Bought



TE Part #ZPF000000000008758
983-6SE 10-06 PN



TE Part #047011-000
AD-1522-1-CRIMPING-TOOL



TE Part #601154-000
D-621-0011



TE Part #53055
TERMINAL,PIDG R IR 24 6



TE Part #354940-1

PRO-CRIMPER III FRAME W/O DIES



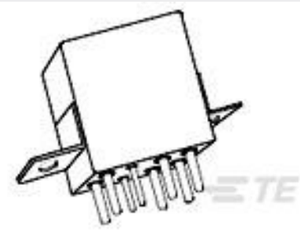
TE Part #443975-5

AMPLIMITE,RCPT ASY,POSTD,109,5



TE Part #6-1437558-8

MTE106D=(MSTE) SW TOG WATERPRO



TE Part #8-1617751-1

FCA-210-AY4



TE Part #1825612-1

B1440004=Boot,Toggle

TE Part #E1250402BG

E1250402BG=M6106/19-012

Documents

Product Drawings

HSC300 3R3 2%

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-1630027-5_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1630027-5_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1630027-5_M.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Aluminium Housed Power Resistors - Type HS Series

English