NHSC2001R5J ✔ ACTIVE

CGS | CGS HS

TE Internal #: 1630020-6

1.5 ohm Chassis Mount Resistor, 200 W, Wire Wound, 2 Terminations, ±50 ppm/°C, 5 %, M6 Threaded Stud, Loose Piece - Tray, CGS HS

View on TE.com >

Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **1.5 Ω**

Power Rating: **200 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	1900 VAC
Resistance Class	Up to 1kΩ
Resistance Value	1.5 Ω
Power Rating	200 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	42 mm[1.654 in]
Product Length	143 mm[5.629 in]

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Product Width	73 mm[2.874 in]

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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

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TE Part # 1625999-3

HSC100 10R 5%

TE Part # CAT-C339-H85913

Power Resistors: Aluminum Housed, HSA

TE Part # 1630027-1
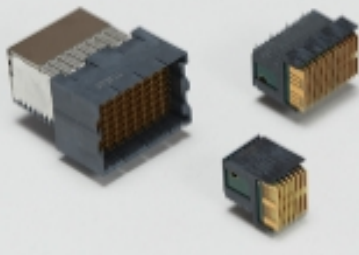
HSC300 100R 5%

Also in the Series | CGS HS

Automotive Housings(1)

Chassis Mount Resistors(1070)

FFC Connectors(1)

High Speed Backplane Connectors(10)

RJ45 Connectors(1)

Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought

TE Part #500030-1

SPIRAP 1/4" PE, OUTDR,BLK,50FT
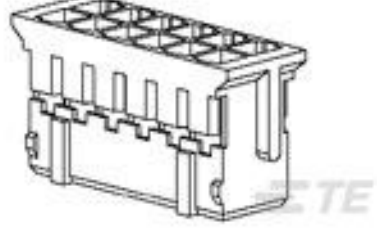
TE Part #3-2176430-3

MPT35 1R2 1%

TE Part #4-1625999-7

HSC100 6R4 5%

TE Part #4-2176430-5

MPT35 12R 1%

TE Part #CAT-C339-H85913

Power Resistors: Aluminum Housed, HSA

TE Part #1-1470107-0

2.0MM PITCH CRIMP HOUSING 10P

TE Part #7-1879352-8

RR02 5% 510R AMMO

TE Part #CW9558-000

CBS-22CN21-21M-9

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Documents

Product Drawings

NHSC200 1R5 5%

English

CAD Files

Customer View Model

ENG_CVM_CVM_1630020-6_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1630020-6_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1630020-6_F.3d_stp.zip

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English