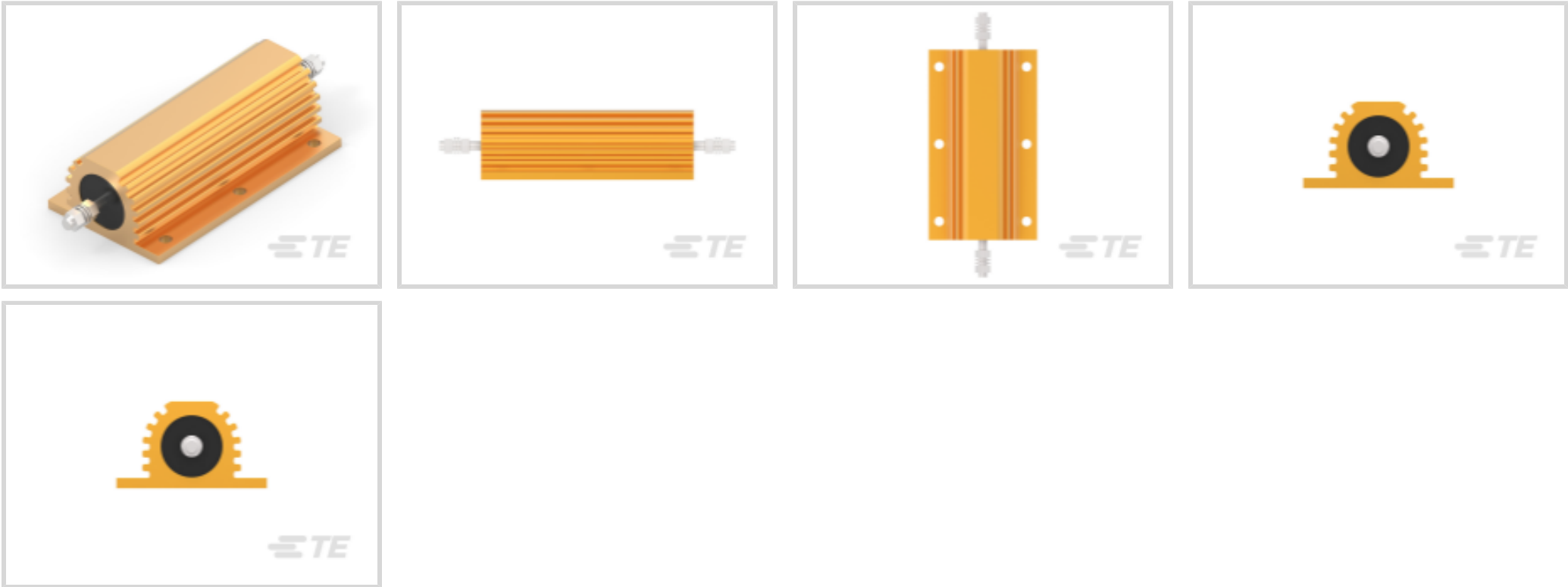




Passive Components > Resistors > Chassis Mount Resistors > Power Resistors: Aluminium Housed, HSC



Resistor Type: **Power Resistor**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **1K 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
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Electrical Characteristics

Operating Voltage	2500 VAC
Resistance Class	1kΩ – 1MΩ
Resistance Value	1K Ω
Power Rating	300 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
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Chassis Mount Resistor Termination Type

M6 Threaded Stud

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
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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
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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>

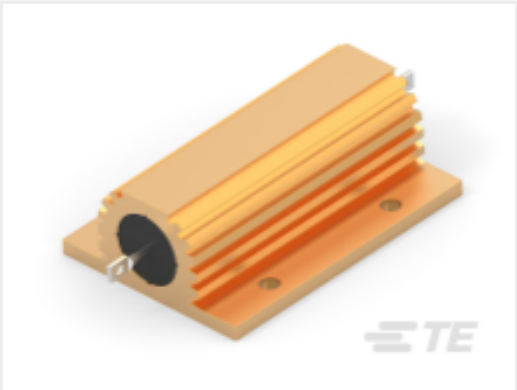
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (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

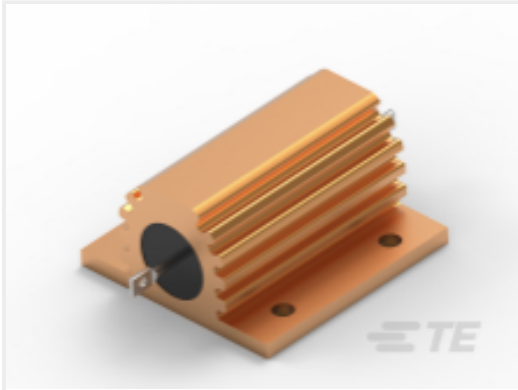
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>



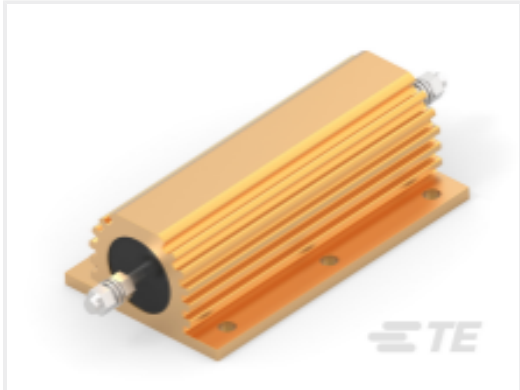
Compatible Parts



TE Part # 1625999-3
HSC100 10R 5%



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



TE Part # 1630027-1
HSC300 100R 5%

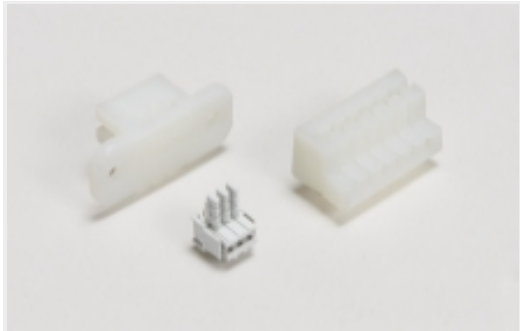
Also in the Series | CGS HS



Automotive Housings(1)



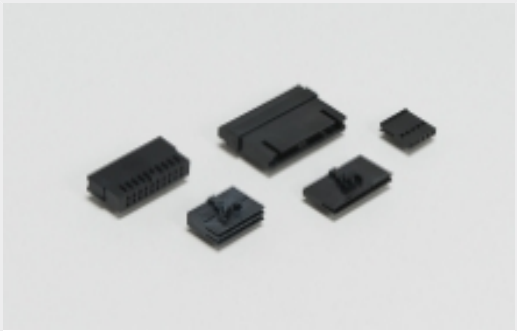
Automotive Signal & Power Connector Housings(1)



Card Edge Connector Housings(1)



Chassis Mount Resistors(1069)



FFC Connectors(1)

Customers Also Bought



TE Part #EKA201N00330500000
915 EXTENSION



TE Part #63391-1
093 FASTON TAB REC 22-18 AWG TPBR



TE Part #5-103949-6
3X7 MTE SHRD PIN SR LTCH .100

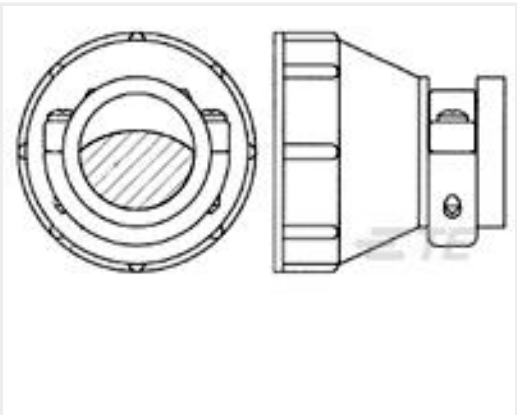


TE Part #170361-4
UNIV. M-N-L SOC.

HSC3001K0J

1K 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





TE Part #182930-1
[CPC Cable Clamp Kit, Size 23, Large, UV](#)



TE Part #5-534237-6
[08 MODII VRT SR CE 100/115](#)



TE Part #925603-4
[FF 250 REC 20-15 AWG TPPB LP](#)



TE Part #3-1630024-7
[HSC250 200R 5%](#)



TE Part #5-1676915-7
[YR1 0.1% 110R](#)



TE Part #1838274-2
[M12 Fld Ser CONN. Female Skt Sldr](#)

Documents

Product Drawings

[HSC300 1K0 5%](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1630027-5_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1630027-5_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1630027-5_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

HSC3001K0J

1K ohm, Wire Wound, 5 %, Power Resistor, 300 W, 2 Terminations, ± 30 ppm/ $^{\circ}$ C, M6 Threaded Stud, Loose Piece - Tray, 41 mm [1.614 in] Height, CGS HS

