



Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **82 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
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Electrical Characteristics

Operating Voltage	2500 VAC
Resistance Class	Up to 1kΩ
Resistance Value	82 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
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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]
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Usage Conditions

Temperature Coefficient	±50 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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>

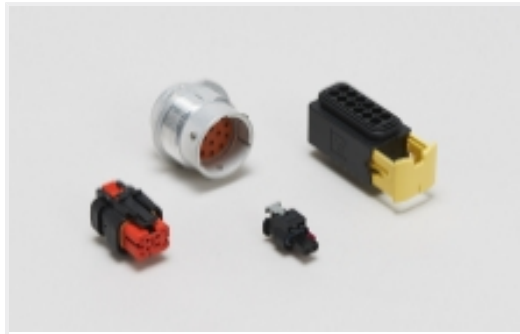
Compatible Parts

TE Part # 1625999-3
HSC100 10R 5%

TE Part # 1630027-1
HSC300 100R 5%

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

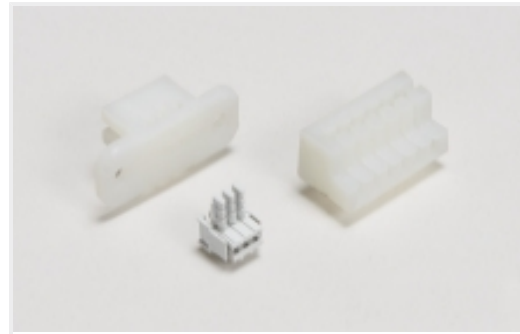
Also in the Series | CGS HS



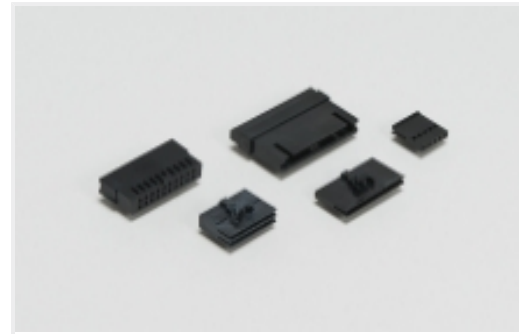
Automotive Housings(1)



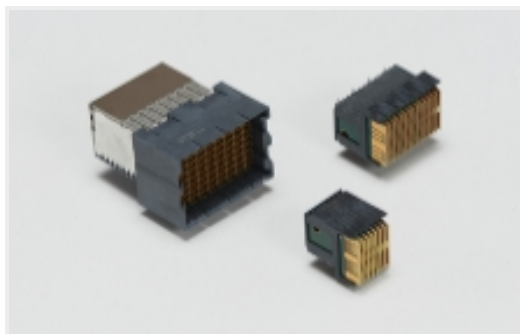
Automotive Signal & Power Connector Housings(1)



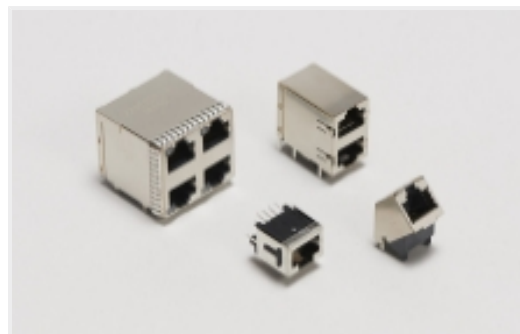
Card Edge Connector Housings(1)



FFC Connectors(1)



High Speed Backplane Connectors(10)

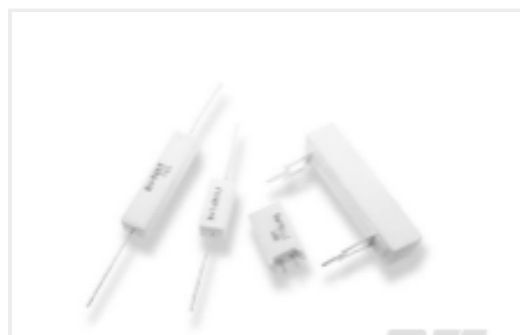


RJ45 Connectors(1)

Customers Also Bought



TE Part #350789-1
03P UMNL PIN HDR ASSY 94VO



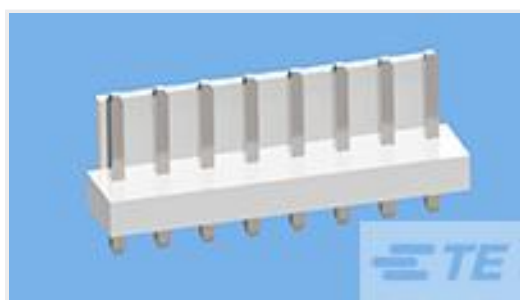
TE Part #CAT-C339-SQ1B
Wirewound Resistor: Horizontal Mount



TE Part #1-1630027-3
HSC300 39R 5%



TE Part #5-1630186-6
HSA50 470R 1%



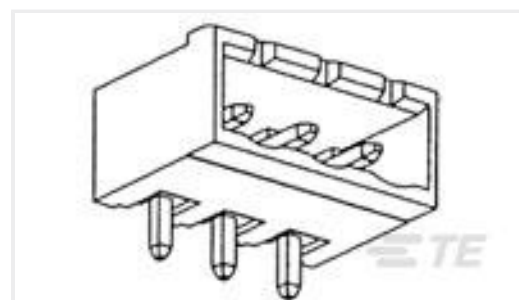
TE Part #1-1744489-0
3.96 EP HDR ASY 10P NO PEG, GW



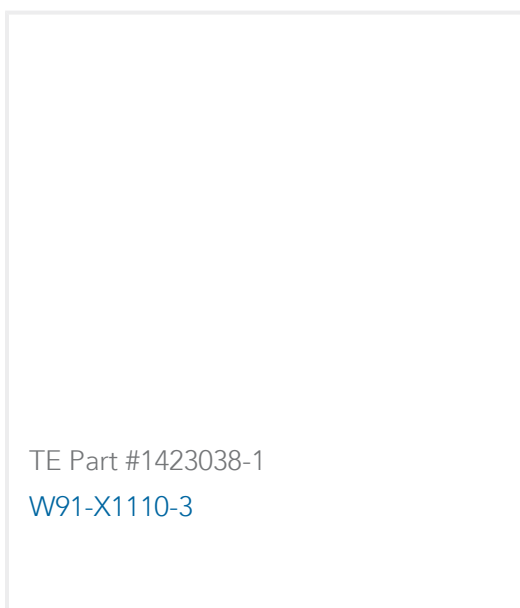
TE Part #2-2176508-7
CJP 300W 82R 5% Lead



TE Part #1-2176513-6
CJP 1000W 39R 5% Lead



TE Part #282962-3
TERMI-BLOK HEADER ASSY90 3P.



TE Part #1423038-1
W91-X1110-3



Documents

Product Drawings

[HSC300 82R 5%](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-1630027-7_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1630027-7_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1630027-7_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