



Passive Components > Resistors > Chassis Mount Resistors > Power Resistors: Aluminum Housed, HSA



Resistor Type: **Power Resistor**
Resistance Class: **Up to 1kΩ**
Resistance Value: **10 Ω**
Power Rating: **100 W**
Element Type: **Wire Wound**

[All Power Resistors: Aluminum Housed, HSA \(384\)](#)

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	1900 VDC
Resistance Class	Up to 1kΩ
Resistance Value	10 Ω
Power Rating	100 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Solder Lug

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
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Dimensions

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Product Height	26 mm[1.024 in]
Product Length	87.5 mm[3.445 in]
Product Width	47.5 mm[1.87 in]

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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>

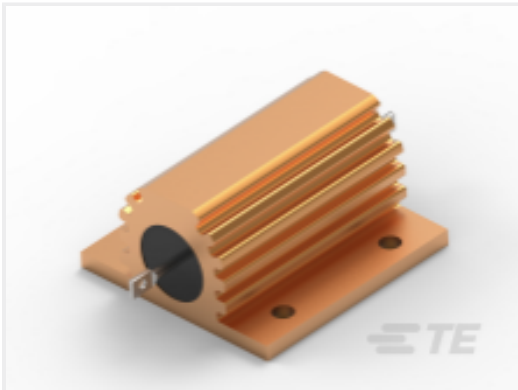
Compatible Parts

NHSC10010RJ

10 ohm Chassis Mount Resistor, 100 W, Wire Wound, 2 Terminations, ±50 ppm/°C, 5 %, Solder Lug, Loose Piece - Tray, 26 mm [1.024 in] Height, CGS HS



TE Part # 1630027-1
HSC300 100R 5%

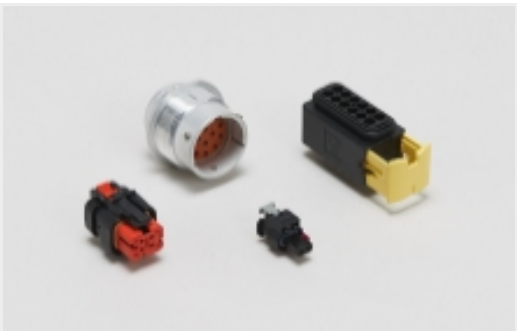


TE Part # CAT-C339-H85913
Power Resistors: Aluminum Housed, HSA



TE Part # 1625999-3
HSC100 10R 5%

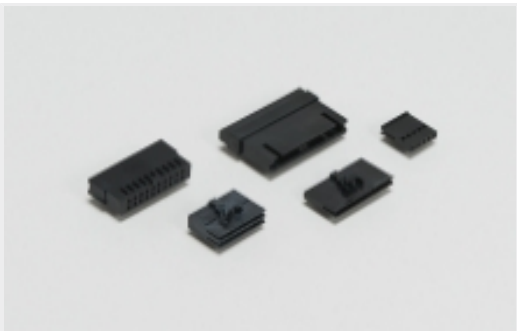
Also in the Series | CGS HS



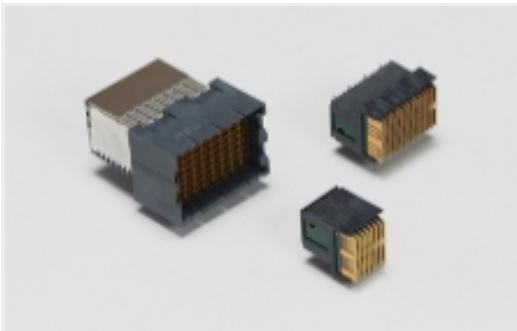
Automotive Housings(1)



Chassis Mount Resistors(1069)



FFC Connectors(1)



High Speed Backplane Connectors(10)



RJ45 Connectors(1)



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

Customers Also Bought



TE Part #3-2176377-5
RQ 0805 301K 0.1% 10PPM 1K RL



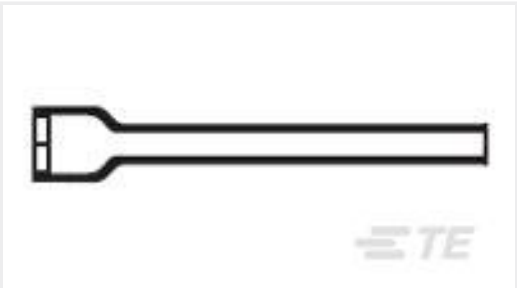
TE Part #D17374-000
MP-508127-5-8A



TE Part #YDTS24W09-98PNV001
RECP ASSY



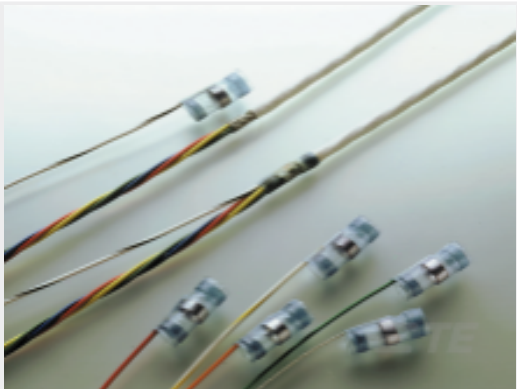
TE Part #889431-000
S1264-KIT-1



TE Part #868601-000
202F211-51/164-0



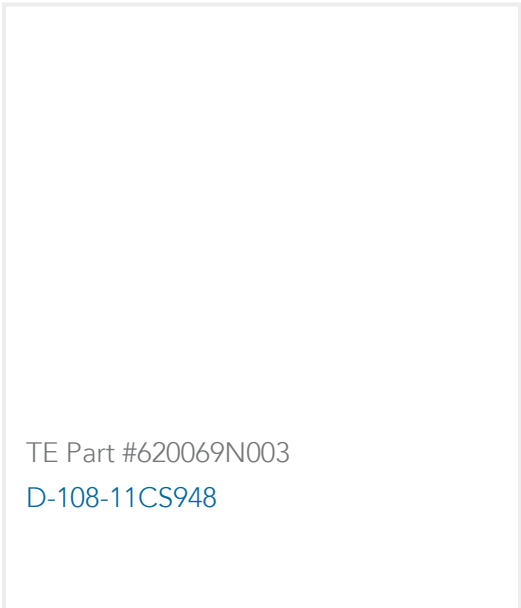
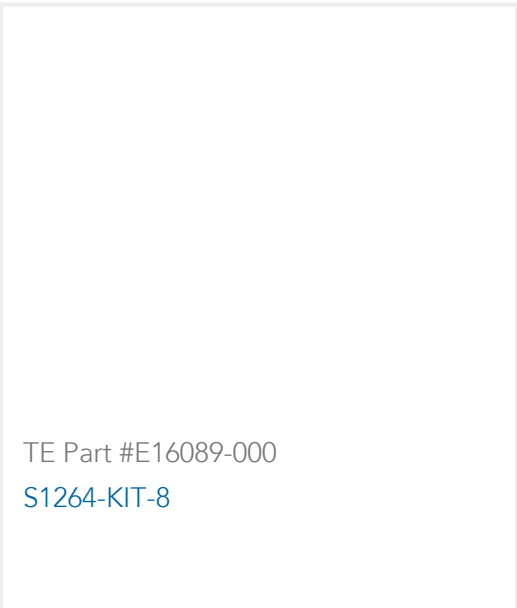
TE Part #2102351-1
CeeLok FAS-T, Receptacle Kit, PCB, Ni



TE Part #060060N001
S02-20-R-3CS1093



TE Part #620080N004
D-108-12CS948



Documents

Product Drawings

NHSC100 10R 5%

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1630001-2_L.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1630001-2_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1630001-2_L.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