



CGS | CGS HS

TE Internal #: 8-1625999-9

120 Ω, Wire Wound, Power Resistor, 87.5 x 47.5 x 26 mm, 2

Termination, Loose Piece - Tray, 5 %, 100 W, ±50 ppm/°C, Solder

Lug Termination, CGS HS

[View on TE.com >](#)

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



Resistor Type: **Power Resistor**

Passive Component Dimensions: **87.5 x 47.5 x 26 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Tray**

Passive Component Tolerance: **5 %**

[All Power Resistors: Aluminum Housed, HSC \(125\)](#)

Features

Product Type Features

| | |
|---------------|----------------|
| Resistor Type | Power Resistor |
| Element Type | Wire Wound |

Configuration Features

| | |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

| | |
|-----------------------------|-----------|
| Voltage Rating | 1900 VDC |
| Passive Component Tolerance | 5 % |
| Resistance Class | Up to 1kΩ |
| Resistance Value | 120 Ω |
| Power Rating | 100 W |

Termination Features

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|---|------------|
| Number of Terminations | 2 |
| Chassis Mount Resistor Termination Type | Solder Lug |

Mechanical Attachment

| | |
|------------------------------------|---------------|
| Chassis Mount Resistor Mount Style | Chassis Mount |
|------------------------------------|---------------|

Dimensions



| | |
|------------------------------|---------------------|
| Passive Component Dimensions | 87.5 x 47.5 x 26 mm |
|------------------------------|---------------------|

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 2023 (235) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Hand solderable with lead free solder |

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





Also in the Series | CGS HS



Automotive Housings(30)



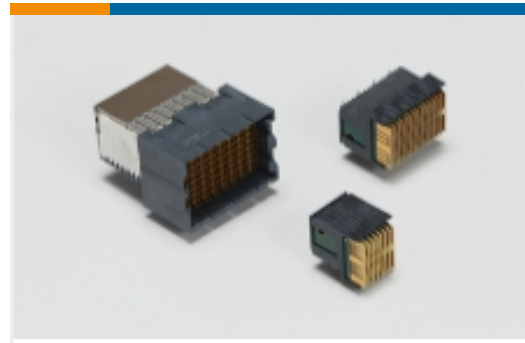
Card Edge Connector Housings(2)



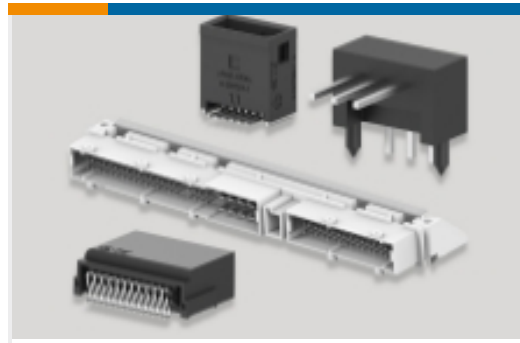
Chassis Mount Resistors(603)



FFC Connectors(1)



High Speed Backplane Connectors(11)



PCB Headers & Receptacles(2)



Plug & Socket Lighting Connector Accessories(1)



RJ45 Connectors(1)



Wire-to-Board Connector Assemblies & Housings(2)

Customers Also Bought



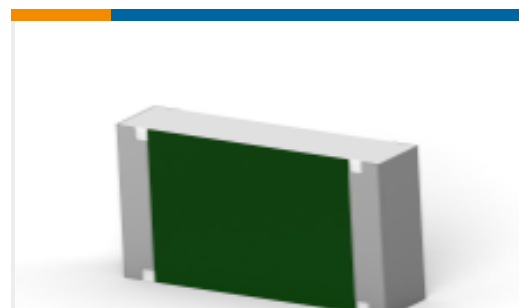
TE Part #1-5103308-0
A/L LOW PRO HDR 50P VERT BLACK



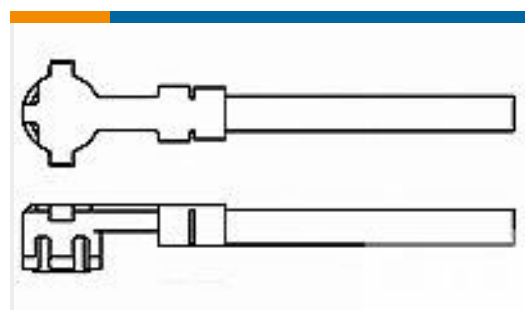
TE Part #280390-2
2X8P MODU II SHRD HDR,RT ANG, 0.38AU



TE Part #66741-5
TYPE XII FEMALE CONT (STRIP)



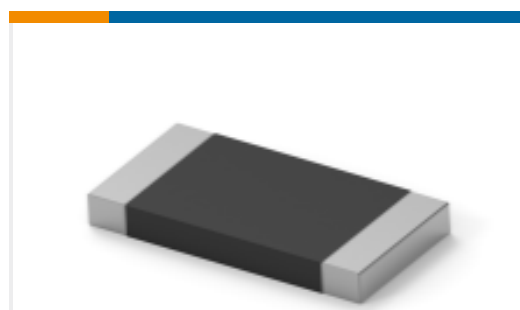
TE Part #8-2176397-4
3502 3K0 1%



TE Part #1064535-1
9960 2100 24, SSMT, RT. ANGLE



TE Part #1SNA115529R1500
M6/8.STP1



TE Part #1-2176421-9
TLRP 2512 2.0W R022 1% 25PPM 4K RL



TE Part #1483356-3
MICRO-MATCH LEAD 16P 250MM



Documents

Product Drawings

[HSC100 120R 5%](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-1625999-9_AH.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1625999-9_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-1625999-9_AH.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

Product Environmental Compliance

[TE Material Declaration](#)

English