

HSA50470RF ✓ ACTIVE

CGS | CGS HS

TE Internal #: 5-1630186-6

470 Ω , Wire Wound, Power Resistor, 72.5 x 30 x 17 mm, 2

Termination, Loose Piece - Tray, 1 %, 50 W, ± 30 ppm/ $^{\circ}$ C, Solder

Lug Termination, CGS HS

[View on TE.com >](#)



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



Resistor Type: **Power Resistor**

Passive Component Dimensions: 72.5 x 30 x 17 mm

Number of Terminations: 2

Packaging Method: **Loose Piece - Tray**

Passive Component Tolerance: 1 %

[All Power Resistors: Aluminum Housed, HSA \(20\)](#)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	1250 VAC
Passive Component Tolerance	1 %
Resistance Class	Up to 1k Ω
Resistance Value	470 Ω
Power Rating	50 W

Termination Features

Number of Terminations	2
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Chassis Mount Resistor Termination Type Solder Lug

Mechanical Attachment

Chassis Mount Resistor Mount Style Chassis Mount

Dimensions

Passive Component Dimensions 72.5 x 30 x 17 mm

Usage Conditions

Temperature Coefficient ±30 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: JUNE 2023 (235)
 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 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




TE Part # CAT-C339-H85913B
Power Resistors: Aluminum Housed, HSC




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

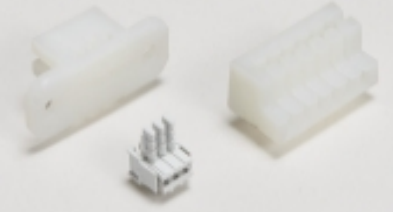


TE Part # 6-1630186-2
HSA50 18K 5%

Also in the Series | CGS HS




Automotive Housings(30)



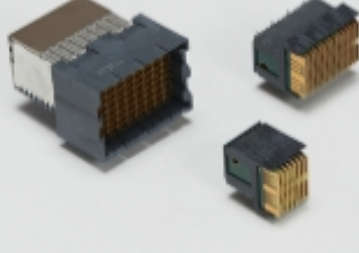
Card Edge Connector Housings(2)



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)

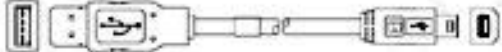
Customers Also Bought



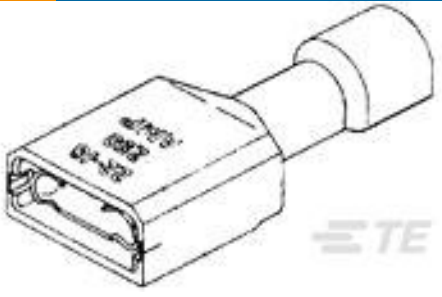
TE Part #6-1625966-5
Power Resistors: Aluminum Housed, HSA



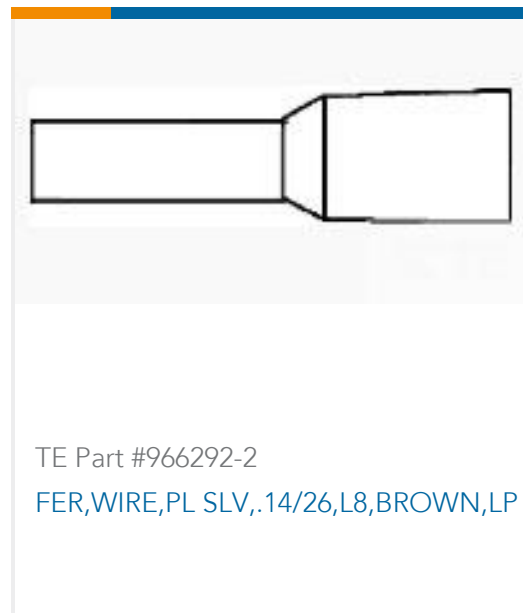
TE Part #T4131012121-000
M12,REAR MOUNT,FEMALE,A,12P, SOLDER WIRE



TE Part #1487594-1
USB, A-B, 28/28, BLACK, 0.5M



TE Part #3-350815-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-1630186-6_AN.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1630186-6_AN.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1630186-6_AN.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