HSA56R8J ✔ ACTIVE

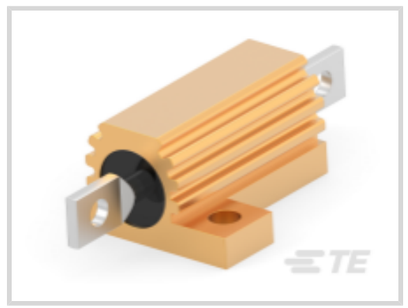
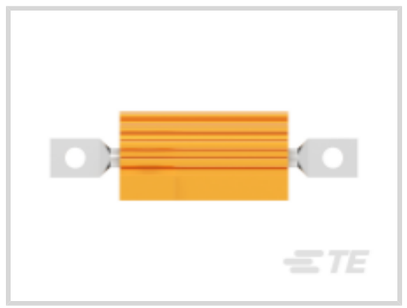
CGS | CGS HS

TE Internal #: 7-1625963-0

6.8 ohm, Wire Wound, 5 %, Power Resistor, 10 W, 2 Terminations, ±50 ppm/°C, Solder Lug, Loose Piece - Tray, 9 mm [.354 in] Height, CGS HS

View on TE.com >

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




Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **6.8 Ω**

Power Rating: **10 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

Electrical Characteristics

Operating Voltage	160 V
Resistance Class	Up to 1kΩ
Resistance Value	6.8 Ω
Power Rating	10 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

Dimensions

Product Height	9 mm[.354 in]
Product Length	31 mm[1.22 in]
Product Width	17 mm[.669 in]

Usage Conditions

Temperature Coefficient	±50 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Tray

Product Compliance

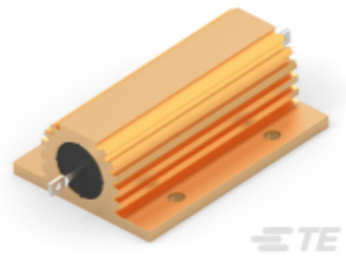
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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	Hand solderable with lead free solder

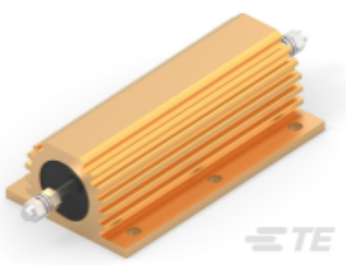
Product Compliance Disclaimer

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

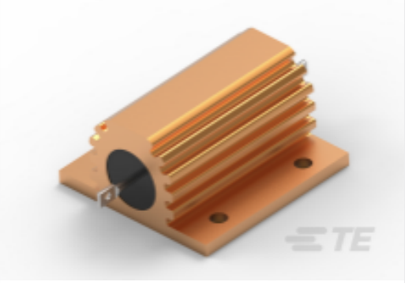
Compatible Parts



TE Part # 1625999-3
HSC100 10R 5%



TE Part # 1630027-1
HSC300 100R 5%



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

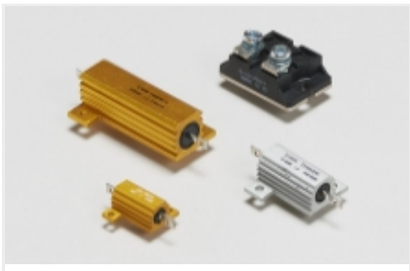
Also in the Series | CGS HS



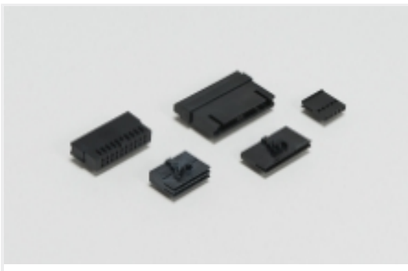
Automotive Housings(1)



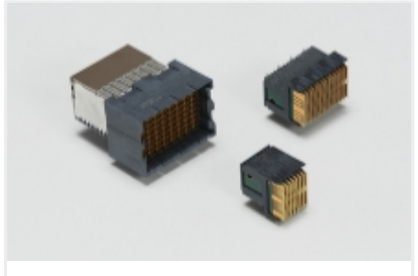
Automotive Signal & Power Connector Housings(1)



Chassis Mount Resistors(1069)



FFC Connectors(1)



High Speed Backplane Connectors(10)

Customers Also Bought



TE Part #3825476007
RPPM-4/1-X-40MM



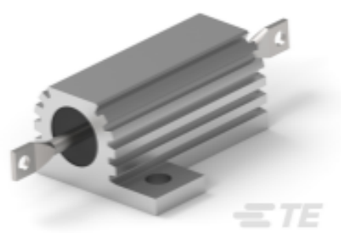
TE Part #T4062113003-005
RPC-M8-3MS-5.0SH-M8-3FS-PVC



TE Part #R-13022-1
TC,MICRO,BIFILAR,T,40AWG,72.0L, BARE



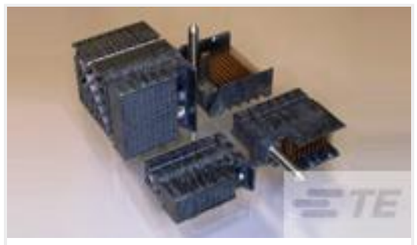
TE Part #ANT-433-CW-RAH-SMA
Antenna 1/4 Wave R-Angle 433MHz SMA



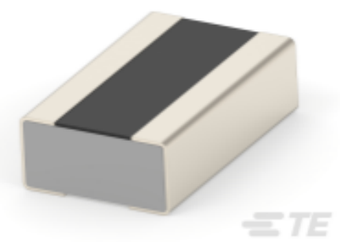
TE Part #CAT-C339-T419
Power Resistor: Aluminum Housed, 75 Watt



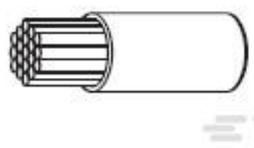
TE Part #4-1879451-1
TE 600W 30R 5% Bracket



TE Part #2007825-1
IMP100S,H,V4P16C,LG,OEW39,4.5



TE Part #1-2176535-4
RLW73 A2 1% R12 200ppm 5k RL



TE Part #951686-000
FLHTC0311-16-4

Documents

Product Drawings

HSA5 6R8 5%

English

CAD Files

Customer View Model

ENG_CVM_CVM_7-1625963-0_U.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1625963-0_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1625963-0_U.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Aluminium Housed Power Resistors - Type HS Series

English