

HSC10010RJ ✓ ACTIVE

CGS | CGS HS

TE Internal #: 1625999-3

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

[View on TE.com >](#)



Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1k Ω**

Resistance Value: **10 Ω**

Power Rating: **100 W**

Element Type: **Wire Wound**

Features

Electrical Characteristics

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

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

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

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	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
-------------------------	------------

Packaging Features

Packaging Method	Loose Piece - Tray
------------------	--------------------

Other

EU RoHS Compliance	Compliant
--------------------	-----------

EU ELV Compliance	Compliant
-------------------	-----------

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2-1625995-2
HSC75 30R 5%



TE Part # 9-1625999-0
HSC100 800R 5%



TE Part # 2-1630027-4
HSC300 R47 5%



TE Part # 2-1625999-2
HSC100 27R 5%



TE Part # 2-1630027-1
HSC300 75R 5%



TE Part # 1630020-6
NHSC200 1R5 5%



TE Part # 1630020-1
NHSC200 1R0 5%



TE Part # 1630027-8
HSC300 22K 5%



TE Part # 1625999-7
HSC100 16R6 5%



TE Part # 3-1625963-9
HSA5 5R0 1%



TE Part # 3-1630027-8
HSC300 3K0 5%



TE Part # 3-1630027-7
HSC300 82R 5%



TE Part # 1-1630027-5
HSC300 47R 5%



TE Part # 1-1630027-8
HSC300 680R 5%



TE Part # 1-1625999-0
HSC100 1K0 5%



TE Part # 3-1625999-7
HSC100 4K7 5%



TE Part # 6-1625999-0
HSC100 R27 5%



TE Part # 6-1625999-7
HSC100 204R 5%

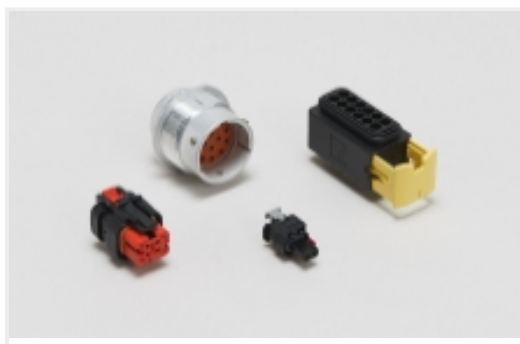


TE Part # 5-1625999-4
HSC100 R50 5%

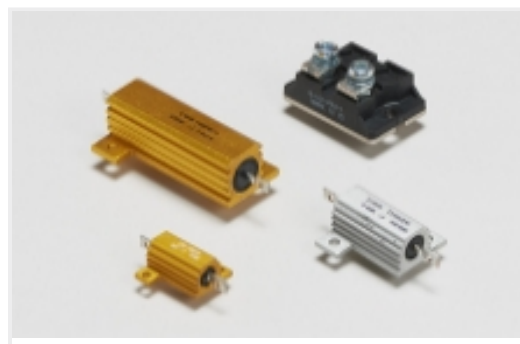


TE Part # 5-1625999-5
HSC100 R56 5%

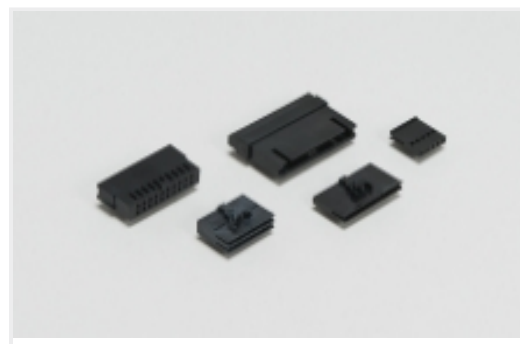
Also in the Series | **CGS HS**



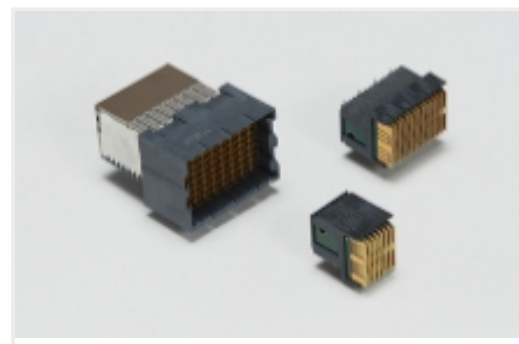
Automotive Housings(1)



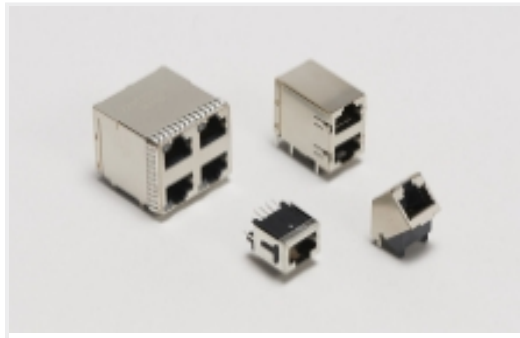
Chassis Mount Resistors(1069)



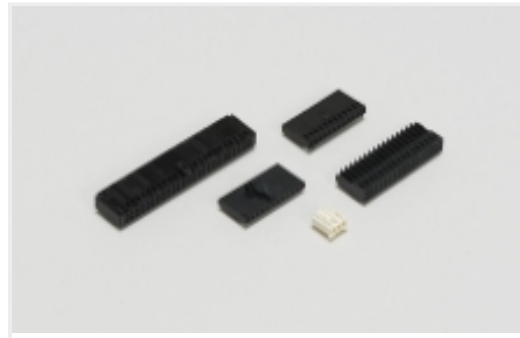
FFC Connectors(1)



High Speed Backplane Connectors(10)



RJ45 Connectors(1)



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

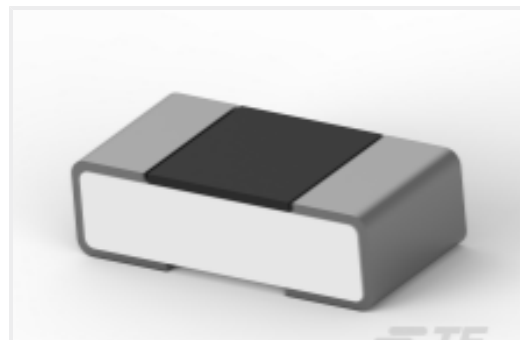
Customers Also Bought



TE Part #710027-2
XCT 35-8



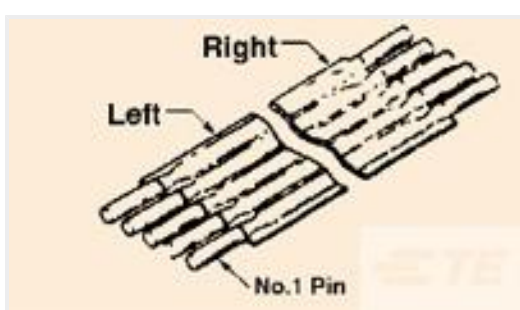
TE Part #2-320572-1
PIDG R 22-16COMM 22-18MIL 5/16



TE Part #3-2176362-3
RQ 0402 86R6 0.1% 10PPM 5K RL



TE Part #2371642-1
SDE F POWER 2.5 22-26 ASSY



TE Part #4-1437186-9
FST-21A-4



TE Part #1625999-1
HSC100 100R 5%



TE Part #1969592-8
HSG,REC,FREE-HANGING,DUALROW,EP2.5



TE Part #2-1625999-7
HSC100 2R7 5%



TE Part #1-1623933-7
CFR50 5% 3K3



TE Part #213427-1
RECPT HSG,3PWR,12 SGNL,METRI

Documents



Product Drawings

[HSC100 10R 5%](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1625999-3_AH.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1625999-3_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1625999-3_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

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English

[Aluminium Housed Power Resistors - Type HS Series](#)

English