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HPCR0819AK6R8ST ✔ ACTIVE

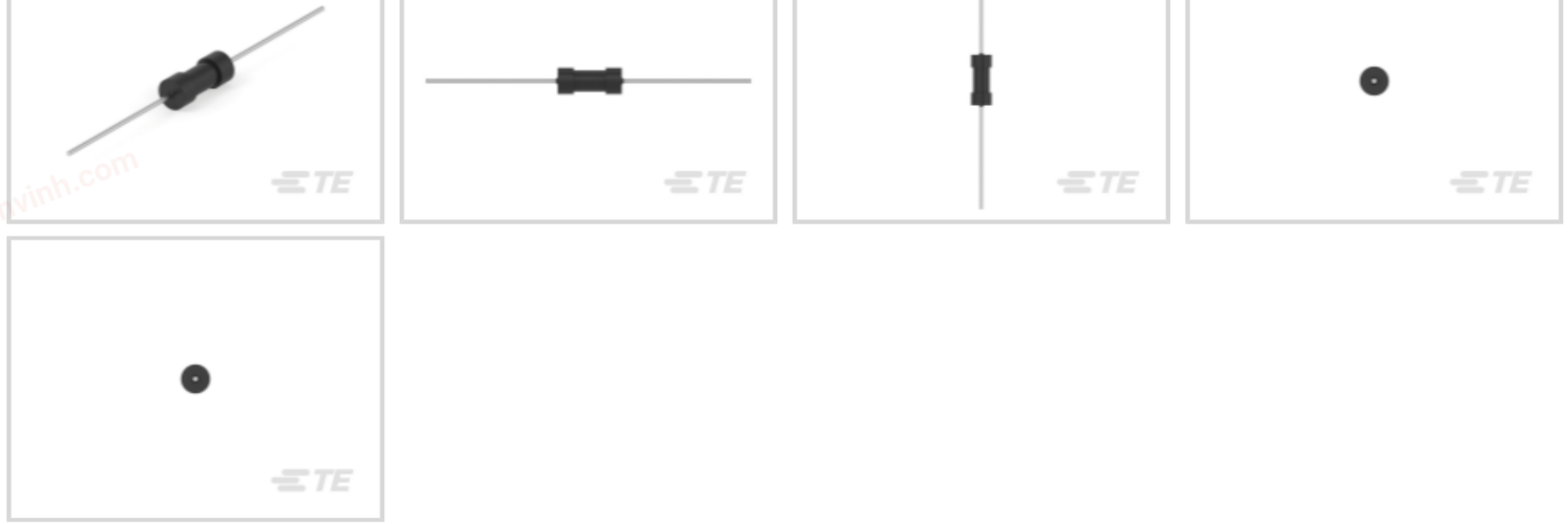
CGS | CGS HPCR

TE Internal #: 2176471-2

CGS HPCR, Through-Hole Resistors, Power Resistor, 19.1 x 7.9 mm, 2 Termination, Reel/Box, 10 %, Ceramic Composition, Resistance Class Up to 1kΩ, 6.8 Ω

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **19.1 x 7.9 mm**

Number of Terminations: **2**

Packaging Method: **Reel/Box**

Passive Component Tolerance: **10 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Ceramic Composition

Configuration Features

Number of Resistors	1

Electrical Characteristics

Passive Component Tolerance	10 %
Resistance Class	Up to 1kΩ
Resistance Value	6.8 Ω
Power Rating	2 W

Body Features

Passive Component Lead Type	Axial-Leaded

Termination Features

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Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	19.1 x 7.9 mm

Usage Conditions

Temperature Coefficient	+0 / -800 ppm/°C

Packaging Features

Packaging Method	Reel/Box

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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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	Wave solder capable to 265°C

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

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TE Part # 2-1623720-2
CCR2 6R8 10%



TE Part # 4-1623720-0
CCR2 6R8 10% TAPED



TE Part # 2176471-1
HPCR 0819 A 10% 5R6 Std T&R



TE Part # 2176471-3
HPCR 0819 A 10% 8R2 Std T&R

Also in the Series | CGS HPCR



Through-Hole Resistors(31)

Documents

Product Drawings

HPCR 0819 A 10% 6R8 Std T&R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176471-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176471-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176471-2_A.3d_stp.zip

English

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