

# HPCR0819AK8R2ST ✓ ACTIVE

CGS | CGS HPCR

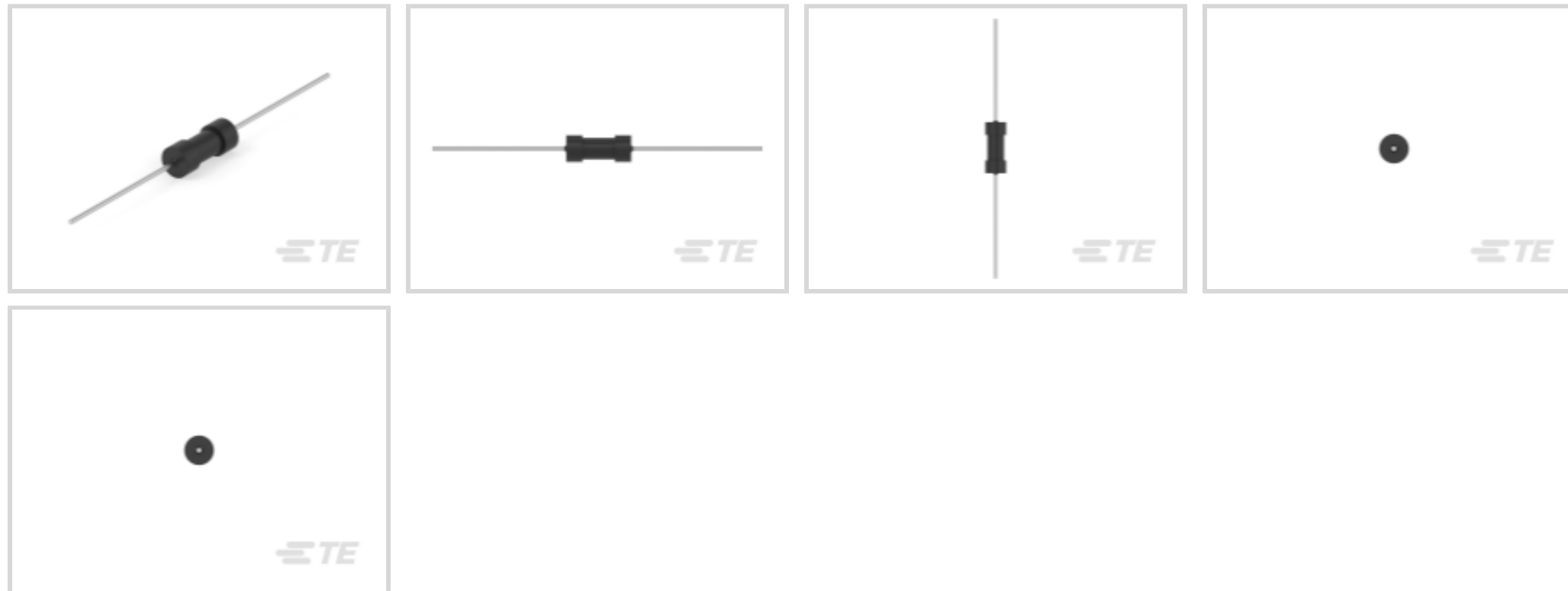
TE Internal #: 2176471-3

8.2 Ω, Ceramic Composition, Power Resistor, 10 %, 19.1 x 7.9 mm, 2 Termination, Reel/Box, 2 W, +0 / -800 ppm/°C, CGS HPCR

[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
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### Electrical Characteristics

Passive Component Tolerance	10 %
Resistance Class	Up to 1kΩ
Resistance Value	8.2 Ω
Power Rating	2 W

### Body Features

Passive Component Lead Type	Axial-Leaded
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### Termination Features

Number of Terminations	2
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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: 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

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**



## Also in the Series | CGS HPCR



## Customers Also Bought



## Documents

### Product Drawings

[HPCR 0819 A 10% 8R2 Std T&R](#)

English

### CAD Files

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_2176471-3\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2176471-3\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2176471-3\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[Bulk Ceramic Resistors - Type HPCR Series - Tyco Electronics Passives](#)

English