# HPCR0819AK220RST ACTIVE

### CGS | CGS HPCR

TE Internal #: 2-2176471-0

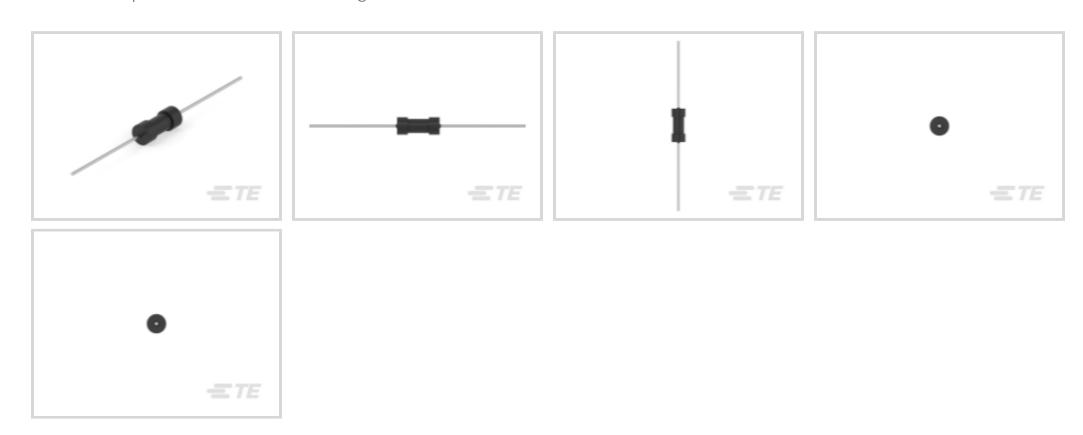
220 Ω, Ceramic Composition, Power Resistor, 10 %, 19.1 x 7.9 mm,

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**

Troduct Type realures	
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 $1k\Omega$
Resistance Value	220 Ω
Power Rating	2 W
Body Features	
Passive Component Lead Type	Axial-Leaded
Termination Features	

2

Number of Terminations



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	

Reel/Box

### **Product Compliance**

Packaging Method

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

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



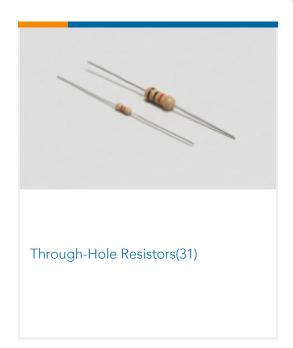








### Also in the Series | CGS HPCR



# Customers Also Bought















### **Documents**

Product Drawings
HPCR 0819 A 10% 220R Std T&R

English

**CAD Files** 

3D PDF

3D

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



**Customer View Model** 

ENG\_CVM\_CVM\_2-2176471-0\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-2176471-0\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-2176471-0\_A.3d\_stp.zip

English

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

### Datasheets & Catalog Pages

Bulk Ceramic Resistors - Type HPCR Series - Tyco Electronics Passives

English