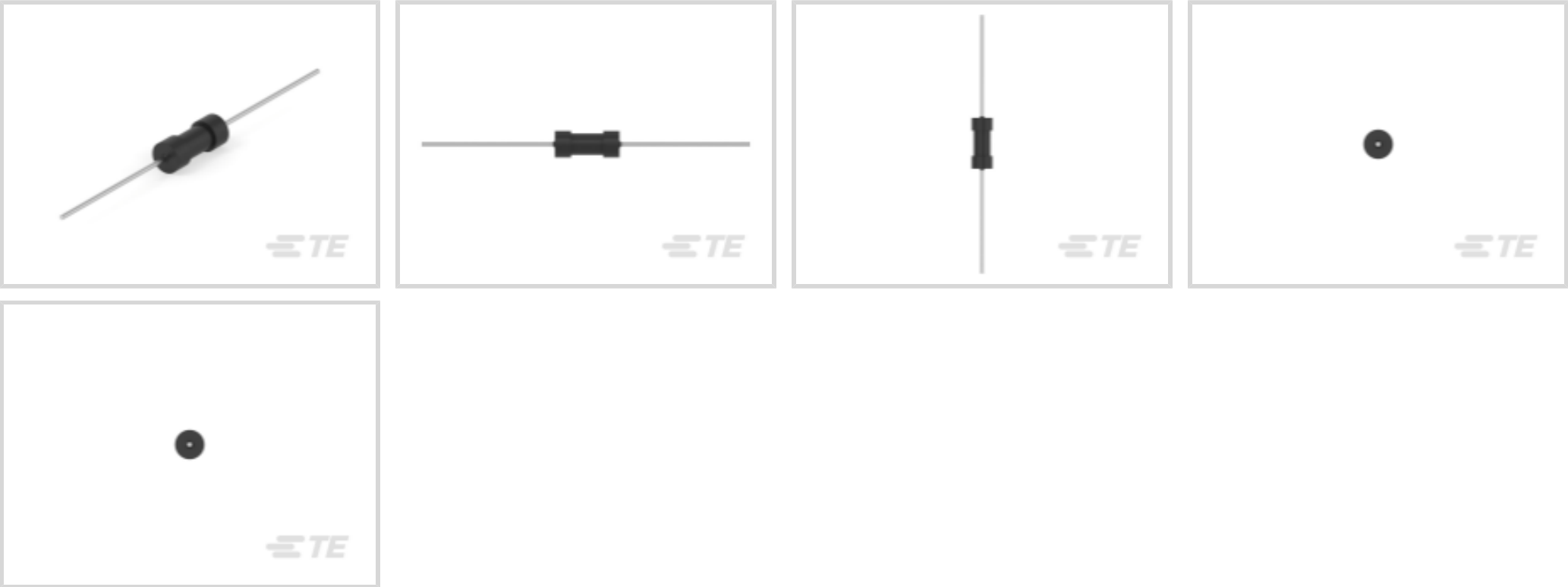




Passive Components > Resistors > Through-Hole Resistors



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 1k Ω |
| Resistance Value | 22 Ω |
| Power Rating | 2 W |

Body Features

| | |
|-----------------------------|--------------|
| Passive Component Lead Type | Axial-Leaded |
|-----------------------------|--------------|

Termination Features

| | |
|------------------------|---|
| 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: 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

HPCR0819AK22RST

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



TE Part # 1623720-7
CCR2 22R 10%

TE Part # 2176471-7
HPCR 0819 A 10% 18R Std T&R

TE Part # 2176471-9
HPCR 0819 A 10% 27R Std T&R

TE Part # 3-2176471-5
HPCR 0819 A 10% 22R Std T&R HV

Also in the Series | CGS HPCR

Through-Hole Resistors(31)

Customers Also Bought

TE Part #1-1879071-3
THS50 1R5 5%

TE Part #440054-4
2.0MM,HDR,4POS,VERTICAL

TE Part #5555153-1
MJ,LPF,R/A,8P,PCBG,PSTP.15TTR

TE Part #643408-1
06P UMNL PIN HDR ASSY POL 94VO

TE Part #34567
TERMINAL,SOLIS R 16-14HD 10

TE Part #3979470001
RPS-8-4/2.0-9

TE Part #7-1423364-3
W57-XF6A4A10-10=CKTBKR,THERM,PB,QC.250

TE Part #2213752-1
2 POS HIGH TEMP MATE-N-LOK PIN ASSM

Documents

Product Drawings
HPCR 0819 A 10% 22R Std T&R

English

CAD Files
3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2176471-8_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176471-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176471-8_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