HPCR0819AK33RST ✔ ACTIVE

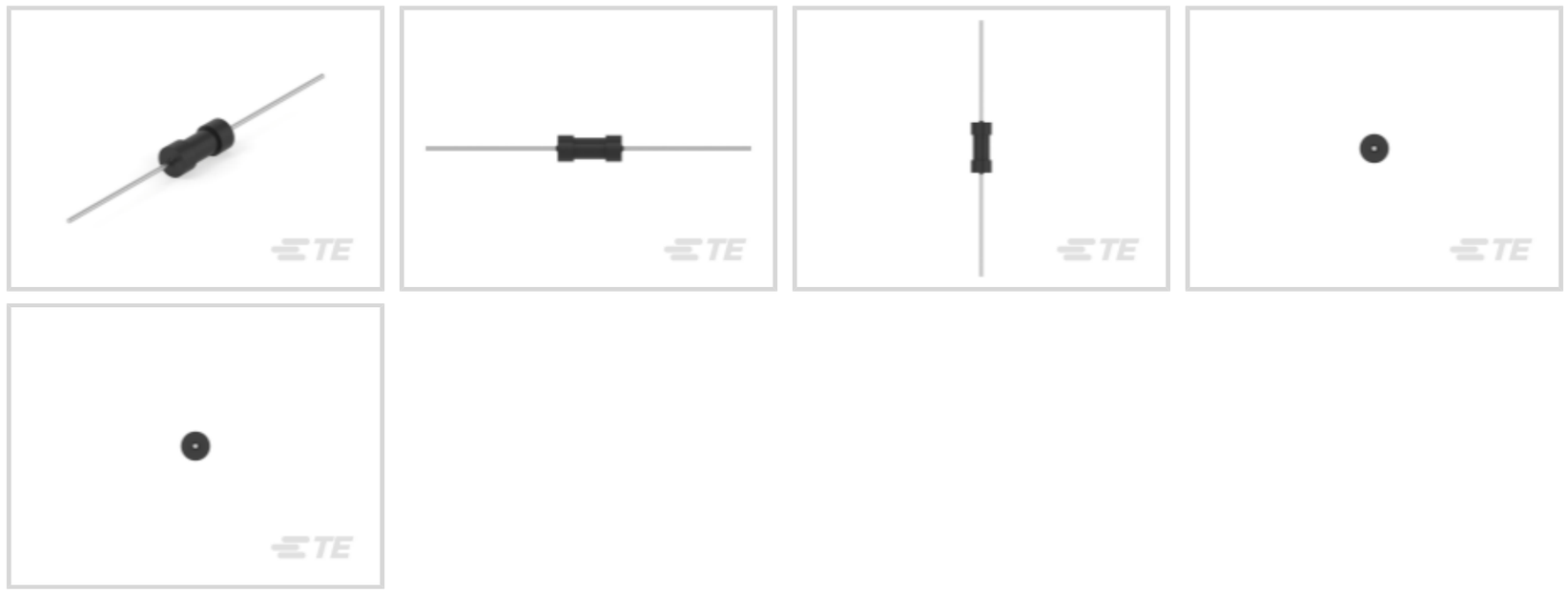
CGS | CGS HPCR

TE Internal #: 1-2176471-0

Through-Hole Power Resistor, Ceramic Composition, 2 W, 33 ohm, 10 %, +0 / -800 ppm/°C, Axial-Leaded, Copper Termination, 19.1 x 7.9 mm, CGS HPCR

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Ceramic Composition**

Power Rating: **2 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **33 Ω**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Ceramic Composition

Configuration Features

Number of Resistors	1

Electrical Characteristics

Power Rating	2 W
Resistance Class	Up to 1kΩ
Resistance Value	33 Ω
Passive Component Tolerance	10 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper

Number of Terminations	2

Dimensions

Passive Component Dimensions	19.1 x 7.9 mm

Usage Conditions

Temperature Coefficient	+0 / -800 ppm/°C

Packaging Features

Packaging Method	Reel/Box

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 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

Compatible Parts

TE Part # 1-1623720-3
CCR2 33R 10%

TE Part # 1-2176471-1
HPCR 0819 A 10% 39R Std T&R

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

Also in the Series | CGS HPCR

Through-Hole Resistors(31)

Customers Also Bought

TE Part #CAT-SCH691-SR1B
Force Guided Relay with 6 contacts

TE Part #1-1393258-5
V23047-A1024-A501

TE Part #1-1393194-0
T77S1D10-24

TE Part #2-1393115-7
KUL-11A15S-24=KU

TE Part #5-1625868-8
RP 2A 0.25W 21R 0.1% 25PPM 1K RL

TE Part #1879355-7
RR03 5% 7K5 AMMO

Documents

Product Drawings

HPCR 0819 A 10% 33R Std T&R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176471-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176471-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176471-0_A.3d_stp.zip

English

Datasheets & Catalog Pages

Bulk Ceramic Resistors - Type HPCR Series - Tyco Electronics Passives

English