HPCR0819AK5R6ST ✔ ACTIVE

CGS | CGS HPCR

TE Internal #: 2176471-1

5.6 ohm, Ceramic Composition, Power Resistor, 10 %, 2 W, +0 / -800 ppm/°C, Axial-Leaded, Copper Termination, 19.1 x 7.9 mm, Reel/Box, 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: **5.6 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	5.6 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

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



TE Part # 2176471-2
HPCR 0819 A 10% 6R8 Std T&R



TE Part # 2-1623720-1
CCR2 5R6 10%

Also in the Series | CGS HPCR

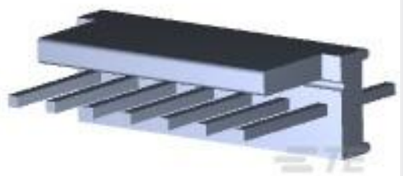


Through-Hole Resistors(31)

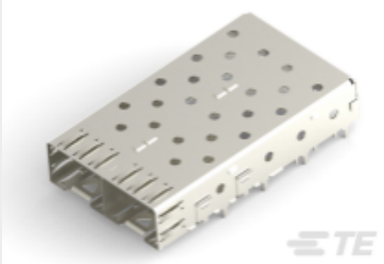
Customers Also Bought



TE Part #CONN013-W
N Type Jack PCB Through Hole



TE Part #3-641213-7
07P MTA100 HDR ASSY PO/ST LF



TE Part #1761014-3
SFP 1X2 CAGE ASSY, PRESS FIT



TE Part #2-1879074-0
THS15 27R 5%



TE Part #3-1879216-5
CPF0402 200K 0.1% 25PPM 1K RL



TE Part #2007198-1
SFP+ 1x1 Cage Assembly, Press-



TE Part #7-2176070-3
3521 10K 1% 2W



TE Part #4-2176455-0
CPF 0402 280K 0.1% 25ppm 1K RL



TE Part #2176471-4
HPCR 0819 A 10% 10R Std T&R



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

Documents

Product Drawings

HPCR 0819 A 10% 5R6 Std T&R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176471-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176471-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176471-1_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