



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	47 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
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Usage Conditions

Temperature Coefficient	+0 / -800 ppm/°C
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Packaging Features

Packaging Method	Reel/Box
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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

HPCR0819AK47RST

47 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 # 1-1623720-0
CCR2 47R 10%



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



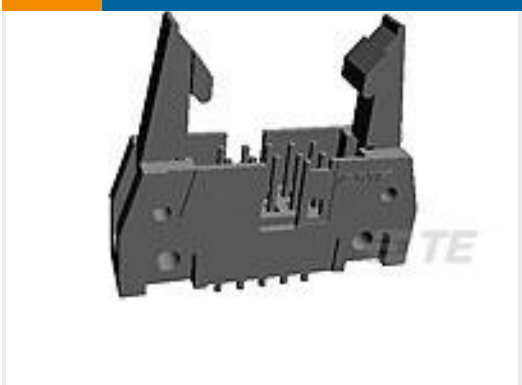
TE Part # 1-2176471-3
HPCR 0819 A 10% 56R Std T&R

Also in the Series | CGS HPCR



Through-Hole Resistors(31)

Customers Also Bought



TE Part #5499374-6
A/L UNIV HDR 26P VERT SHT LAT



TE Part #1-1879011-1
SMF2 560R 5%



TE Part #1419106-4
27E046=SOCKET,KU,11,PC,NYL,NAT



TE Part #208211-4
SCREW,SHOULDER,SPECIAL



TE Part #644752-8
08P MTA156 HDR ASSY SQ STR F/L



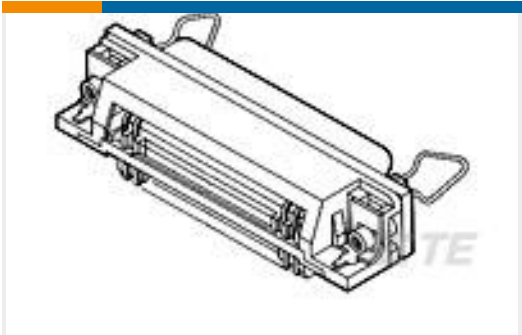
TE Part #280380-1
8P AMPMODU II SHRD HDR, RT ANG, TIN



TE Part #5558310-1
MOD/JK,ASSY,8 POS,R/A,KEY/SHLD



TE Part #3-2176372-0
RQ 0603 100K 0.1% 10PPM 5K RL



TE Part #5555139-2
RCPT ASSY, LPF, 24 POS, R/TANG



TE Part #5-146274-3
03 MODII HDR SRST B/A .100CL



Documents

Product Drawings

[HPCR 0819 A 10% 47R Std T&R](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2176471-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176471-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2176471-2_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