



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **19 x 7 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - 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

Voltage Rating	400 V
Passive Component Tolerance	10 %
Resistance Class	Up to 1k Ω
Resistance Value	18 Ω
Power Rating	2 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	19 x 7 mm
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Usage Conditions

Operating Temperature Range	-40 – 200 $^{\circ}\text{C}$
Temperature Coefficient	± 1300 ppm/ $^{\circ}\text{C}$

Packaging Features

Packaging Method	Loose Piece - Box
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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 $^{\circ}\text{C}$

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

CCR218RKB

18 Ω , Ceramic Composition, Power Resistor, 10 %, 19 x 7 mm, 2 Termination, Loose Piece - Box, 2 W, ± 1300 ppm/ $^{\circ}\text{C}$, CGS CCR



TE Part # 1-1623719-4
CCR1 10K 10%

TE Part # 1-1623719-0
CCR1 47R 10%

TE Part # 1623720-4
CCR2 1K0 10%

TE Part # 1-1623720-8
CCR2 68R 10% BULK

TE Part # 1-1623719-2
CCR1 470R 10%

TE Part # 4-1623720-5
CCR2 27R 10% TAPED

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

Also in the Series | CGS CCR

Through-Hole Resistors(72)

Customers Also Bought

TE Part #1-2007492-8
SFP+assy2x1 EMI Sprg No Lp Sn
Enhanced

TE Part #5104338-1
A/L LOW PRO HDR 10P VERT HT

TE Part #1658526-4
609-1030LF FEM SOCKT,LEAD FREE

TE Part #2-1761606-3
IDC LOW PRO HDR 10P VERT LG LAT
BLUE

TE Part #1052422-1
2052 0000 02,SMA FM JACK RECPT

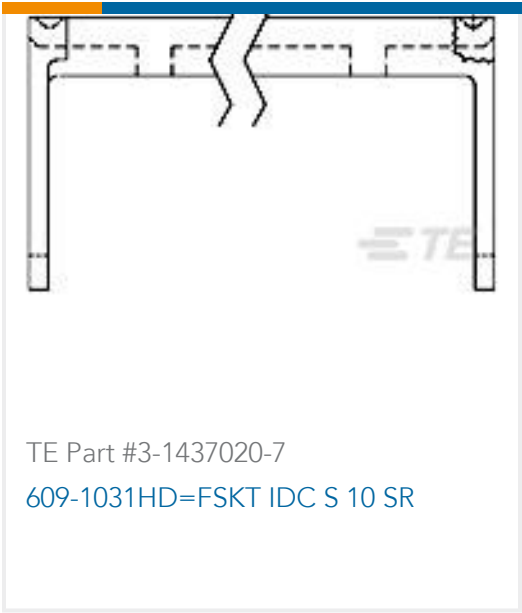
TE Part #5-104071-2
05 SYSTEM 50 HDR SRST SHRD SN

TE Part #8-1879666-5
H8 1M0 0.1% 15PPM

TE Part #9-1614353-1
RN 0603 49R9 0.1% 10PPM CUT
LENGTH

CCR218RKB

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Documents

Product Drawings

CCR2 18R 10%

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1623720-5_BA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1623720-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1623720-5_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

1309350_PASSIVE_COMPONENT

English

Ceramic Composition Resistors - Type CCR Series - Tyco Electronics Passives

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English