CCR1270RKT ✔ ACTIVE

CGS | CGS CCR

TE Internal #: 2-1623719-0

270 ohm, Ceramic Composition, Power Resistor, 10 %, 1 W, ±1300 ppm/°C, Axial-Leaded, Copper Termination, 16.5 x 5.5 mm, Loose Piece - Box, CGS CCR

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Ceramic Composition**

Power Rating: **1 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **270 Ω**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Ceramic Composition

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	300 V
Power Rating	1 W
Resistance Class	Up to 1kΩ
Resistance Value	270 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	16.5 x 5.5 mm

Usage Conditions

Operating Temperature Range	-40 – 200 °C[-40 – 392 °F]
Temperature Coefficient	±1300 ppm/°C

Packaging Features

Packaging Method	Loose Piece - 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 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2-1623719-4
CCR1 180R 10% TAPED



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



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



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



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



TE Part # 1623720-4
CCR2 1K0 10%

Also in the Series | CGS CCR

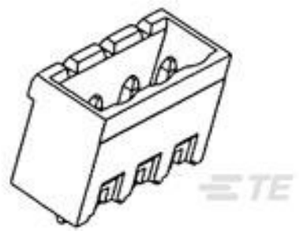


Through-Hole Resistors(72)

Customers Also Bought



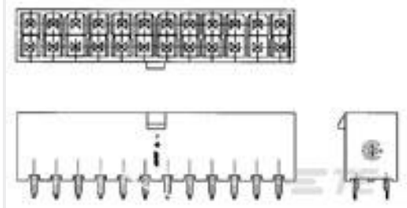
TE Part #63951-4
250 FASTON TAB TPBR



TE Part #796636-8
8POS 5.08MM CE VRT HDR,TRM BLK



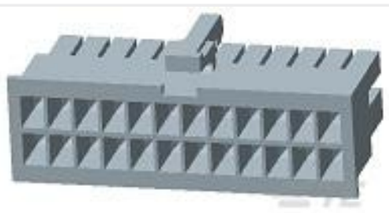
TE Part #5-1419111-8
PT271730



TE Part #1-1586037-8
18P VERT HDR VAL-U-LOK V2



TE Part #1879317-5
CCR1/2 150R 10% TAPED



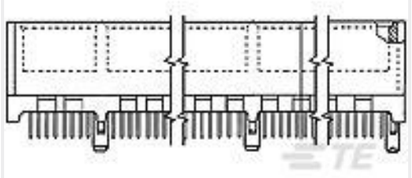
TE Part #1-1969614-8
18P RCPT VAL-U-LOK V0



TE Part #2118714-2
STD SHIELD FRAME, CRS-13.66X12.70X2.54MM



TE Part #2118715-2
STD SHIELD COVER, CRS-16.90X16.90X2.00MM



TE Part #5145165-4
STANDARD EDGE .050 SERIES 92 DUAL ASSY



TE Part #6339082-3
LED STK MJ ASSY,2X4,8 POS,CAT5

Documents

Product Drawings

CCR1 270R 10% TAPED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1623719-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1623719-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1623719-0_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Ceramic Composition Resistors - Type CCR Series - Tyco Electronics Passives

English