



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **16.5 x 5.5 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 |
|---------------------|---|

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Voltage Rating              | 300 V                     |
| Passive Component Tolerance | 10 %                      |
| Resistance Class            | 1k $\Omega$ – 1M $\Omega$ |
| Resistance Value            | 4.7K $\Omega$             |
| Power Rating                | 1 W                       |

Body Features

|                             |              |
|-----------------------------|--------------|
| Passive Component Lead Type | Axial-Leaded |
|-----------------------------|--------------|

Termination Features

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

Dimensions

|                              |               |
|------------------------------|---------------|
| Passive Component Dimensions | 16.5 x 5.5 mm |
|------------------------------|---------------|



Usage Conditions

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

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 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)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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

CCR14K7KB

4.7K  $\Omega$ , Ceramic Composition, Power Resistor, 10 %, 16.5 x 5.5 mm, 2 Termination,  
Loose Piece - Box, 1 W,  $\pm 1300$  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%

Also in the Series | CGS CCR



Through-Hole Resistors(72)

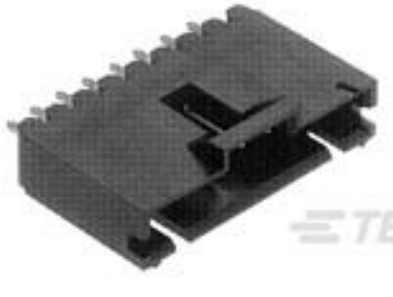
Customers Also Bought



TE Part #1838274-2  
M12 Fld Ser CONN. Female Skt SlDr



TE Part #2-111196-1  
50 RCPT SYSTEM 50, LEAD FREE



TE Part #5-103735-4  
05 MTE HDR SRST LATCH .100CL



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



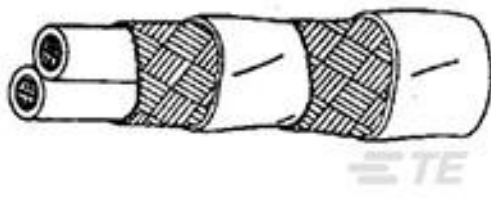
TE Part #2176163-2  
UPF50 0.1% 5PPM 100R



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

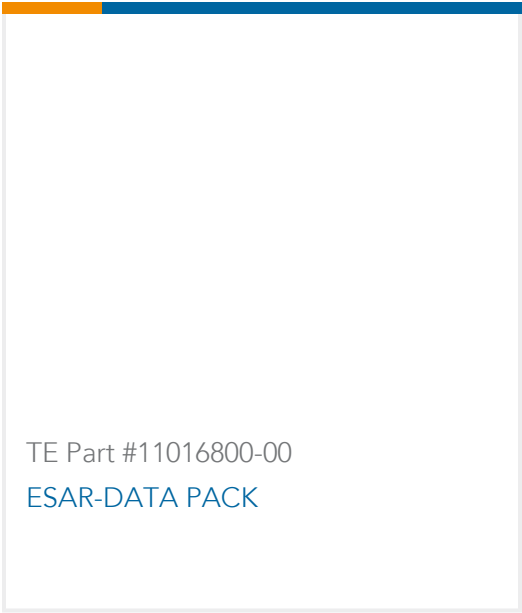


TE Part #1744429-2  
3.96 EP HDR ASSY 2P W/PEGS, GW



TE Part #318460-001  
55A6160-20-2/6-9-9





Documents

Product Drawings

CCR1 4K7 10%

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1623719-3\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1623719-3\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1623719-3\_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

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English