# C76K8JT ✔ ACTIVE

CGS | CGS C

TE Internal #: 7-1623772-9

6.8K ohm, Wire Wound, Power Resistor, 5 %, 7 W, ±200 ppm/°C, Axial-Leaded, Copper Termination, 22 x 8.5 mm, Ammo Packed, 2 Terminations, CGS C

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **7 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **6.8K Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Power Resistor |
| Element Type | Wire Wound |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 350 V |
| Power Rating | 7 W |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 6.8K Ω |
| Passive Component Tolerance | 5 % |

### Body Features

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|---|---|
| Lead Type | Axial-Leaded |

### Termination Features

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|---|---|
| Termination Area Base Material | Copper |
| Number of Terminations | 2 |

### Dimensions

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|---|---|
| Passive Component Dimensions | 22 x 8.5 mm |

### Usage Conditions

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|---|---|
| Temperature Coefficient | ±200 ppm/°C |

### Packaging Features

| | |
|---|---|
| Packaging Method | Ammo Packed |

## 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 with Exemptions |
| 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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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 # 1623773-8
C10 10K 5% (LOOSE)



TE Part # 1623774-1
C14 180R 2% (LOOSE)



TE Part # 1-1623772-8
C7 1R0 5% AMMO PK



TE Part # 1623771-5
C3A 10R 5% AMMO PK

## Also in the Series | CGS C



Through-Hole Resistors(245)

## Customers Also Bought



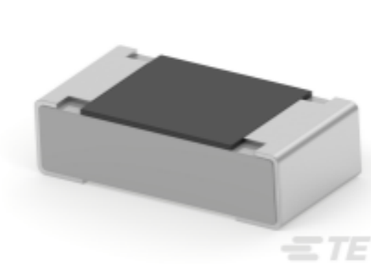
TE Part #BAT-HLD-012-SMT-TR
Battery Holder 1216 1225 SMT T&R Pack



TE Part #3-106506-2
15P.HDP20 REC.ASSY.



TE Part #1571563-4
FSM4JSMAATR=TACTSWITCH,SMT, T&R



TE Part #1-2176340-7
CRGCQ 0603 470R 5%

## Documents

### Product Drawings

C7 6K8 5% AMMO PK

English

### CAD Files

Customer View Model

ENG_CVM_CVM_7-1623772-9_BA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1623772-9_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1623772-9_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

High Power Resistors - Type C Series - Tyco Electronics Passives

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English