# C142K2JL ✔ ACTIVE

CGS | CGS C

TE Internal #: 2-1623774-6

Power Resistor, Wire Wound, 14 W, 2.2K Ω, 5 %, ±90 ppm/°C, Axial-Leaded, Copper Termination, 53.3 x 8.5 mm, Loose Piece - Tray, 2 Termination, CGS C

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors

Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **14 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **2.2K Ω**

## Features

### Product Type Features

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

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 650 V |
| Power Rating | 14 W |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 2.2K 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 | 53.3 x 8.5 mm |

### Usage Conditions

| | |
|---|---|
| Temperature Coefficient | ±90 ppm/°C |

### Packaging Features

| | |
|---|---|
| Packaging Method | Loose Piece - Tray |

## 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 2024 (241)<br>Candidate List Declared Against: JUNE 2023 (235)<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°C |



## Compatible Parts

TE Part # 1623773-8
C10 10K 5% (LOOSE)

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

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

TE Part # 7-1623771-0
C3A 180R 5% AMMO PK

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

## Also in the Series | CGS C

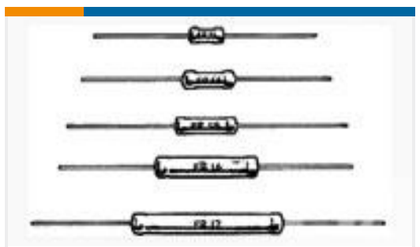
Through-Hole Resistors(288)

## Customers Also Bought

TE Part #1-6609027-6
10EK7M=F7096 S0

TE Part #1-1623774-8
C14 15K 5% (LOOSE)

TE Part #2-1437565-7
FSM2JSMA=SMT,TACTILE,PB SWITCH



TE Part #1-1623746-0
ER74 1K0 5% AMMO PK

TE Part #3-1625890-3
2W SM M/OX 5% 22R

TE Part #K1060329
Relay 300A 24V 4L-FFL LK 29-315-12-918

## Documents

### Product Drawings

C14 2K2 5% (LOOSE)

English

### CAD Files

Customer View Model

ENG_CVM_CVM_2-1623774-6_BA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1623774-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1623774-6_BA.3d_stp.zip

English



## 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