



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**
Passive Component Dimensions: **53.3 x 8.5 mm**
Number of Terminations: **2**
Packaging Method: **Loose Piece - Tray**
Passive Component Tolerance: **5 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

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

Electrical Characteristics

Voltage Rating	650 V
Passive Component Tolerance	5 %
Resistance Class	Up to 1kΩ
Resistance Value	220 Ω
Power Rating	14 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	53.3 x 8.5 mm
------------------------------	---------------



Usage Conditions

Temperature Coefficient	± 90 ppm/ $^{\circ}\text{C}$
-------------------------	----------------------------------

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 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



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 #02560389-000
LVDT HR 050 ASSY

TE Part #34080
PIDG SPD 22-16 COMM 22-18MIL 6

TE Part #640923-1
RECEPT,PIDG FASTON 22-18 110

TE Part #1625999-3
HSC100 10R 5%

TE Part #213427-1
RECPT HSG,3PWR,12 SGNL,METRI

TE Part #5-103956-1
10X2 MTE RCPT SR LATCH .100CL

TE Part #6-1437624-0
PKG50B1/4=KNOB PLASTIC 1/4 LEX

TE Part #5053062032
RNF100-6 Heat shrink Tubing

C14220RJL

220 Ω , Wire Wound, Power Resistor, 5 %, 53.3 x 8.5 mm, 2 Termination, Loose Piece - Tray, 14 W, ± 90 ppm/ $^{\circ}$ C, Tinned Copper Leads Termination, CGS C



Documents

Product Drawings

[C14 220R 5% \(LOOSE\)](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-1623774-4_BA.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1623774-4_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1623774-4_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