C10100RJL ✔ ACTIVE

CGS | CGS C

TE Internal #: 1623773-7

100 ohm, Wire Wound, Power Resistor, 5 %, 10 W, ±90 ppm/°C, Axial-Leaded, Copper Termination, 38.1 x 8.5 mm, Loose Piece - Tray, 2 Terminations, CGS C

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **10 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **100 Ω**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	500 V
Power Rating	10 W
Resistance Class	Up to 1kΩ
Resistance Value	100 Ω
Passive Component Tolerance	5 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	38.1 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	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 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	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 # 1623771-5
C3A 10R 5% AMMO PK



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



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



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

Also in the Series | CGS C



Through-Hole Resistors(245)

Customers Also Bought



TE Part #1SNA198692R2500
SCH3



TE Part #SM2-25
STRING POT, 25 INCH RANGE



TE Part #926476-5
MOD 4 HSG



TE Part #1-1623730-9
BCHE 4 W 47R 5%



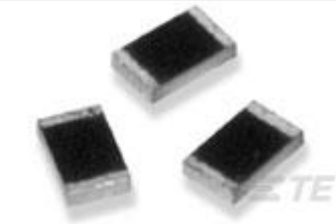
TE Part #1623773-2
C10 150R 5% (LOOSE)



TE Part #7-1625890-1
2W SM M/OX 5% 82R



TE Part #4-1879223-2
CPF 0603 634R 0.1% 25PPM 1K RL



TE Part #5-1879252-9
RP 2B 7R50 0.1% 15PPM 1K RL



TE Part #2-1879497-5
CRGH1206 5% 10R 0.5W

TE Part #1SNA167735R2700
VSJ6

Documents

Product Drawings

C10 100R 5% (LOOSE)

English

CAD Files

Customer View Model

ENG_CVM_CVM_1623773-7_BA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1623773-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1623773-7_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