C146R8JL ✔ ACTIVE

CGS | CGS C

TE Internal #: 4-1623774-0

6.8 ohm, Wire Wound, Power Resistor, 5 %, 14 W, ±90 ppm/°C, Axial-Leaded, Copper Termination, 53.3 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: **14 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **6.8 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	Up to 1kΩ
Resistance Value	6.8 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	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	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 # 1-1623772-8
C7 1R0 5% AMMO PK



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



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



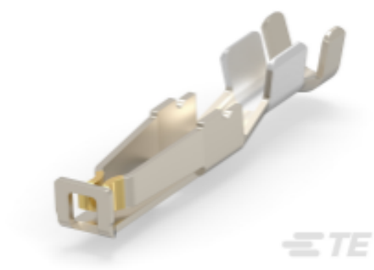
TE Part # 1623773-8
C10 10K 5% (LOOSE)

Also in the Series | CGS C



Through-Hole Resistors(245)

Customers Also Bought



TE Part #234062-E
STVROL BUT 10TS CSI 2026 207 * AL J 2 34



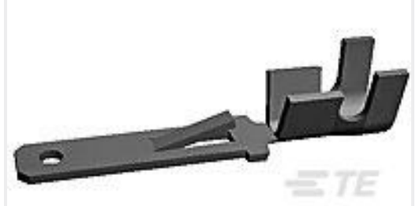
TE Part #CAT-PTT0068
Compact Industrial Pressure Transducer



TE Part #31897
PIDG R 22-16COMM 22-18MIL 3/8



TE Part #66740-2
TYPE XII FEMALE CONT (L.P.)



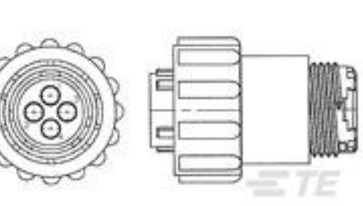
TE Part #170014-5
FF 110 TAB 20-16AWG BR



TE Part #207534-8
SKT HDR ASSY,36 POSN,METRIMATE



TE Part #354940-1
PRO-CRIMPER III FRAME W/O DIES



TE Part #788157-2
SLD CPC PLUG ASSY,13-9,STD SEX



TE Part #103361-1
03 MODII HDR SRRA SHRD .100CL

Documents

Product Drawings

C14 6R8 5% (LOOSE)

English

CAD Files

Customer View Model

ENG_CVM_CVM_4-1623774-0_BA1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1623774-0_BA1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1623774-0_BA1.3d_igs.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