



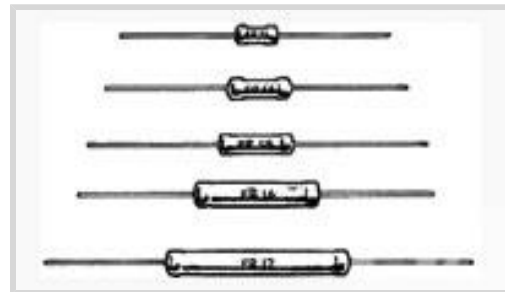
CGS | CGS ER

TE Internal #: 5-1623746-7

CGS ER, Through-Hole Resistors, Power Resistor, 13.5 x 6 mm, 2 Termination, Ammo Packed, 10 %, Wire Wound, Resistance Class Up to 1kΩ, .01 Ω, 3 W

[View on TE.com >](#)

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **13.5 x 6 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Passive Component Tolerance: **10 %**

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	100 V
Passive Component Tolerance	10 %
Resistance Class	Up to 1kΩ
Resistance Value	.01 Ω
Power Rating	3 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	13.5 x 6 mm
------------------------------	-------------



Usage Conditions

Operating Temperature Range	-55 – 200 °C
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
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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

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 # 6-1623746-9
ER74 R05 10% AMMO PK

TE Part # 1-1623746-3
ER74 1R0 5% AMMO PK

TE Part # 4-1623750-7
ER58 R22 5% AMMO

TE Part # 1623749-6
ER17 22K 5% LOOSE

TE Part # 1623748-1
ER16 10R 5% LOOSE

TE Part # 6-1623746-5
ER74 R047 10% REELED

Also in the Series | CGS ER

Through-Hole Resistors(167)

Customers Also Bought

TE Part #1-640455-0
10P MTA100 HDR ASSY SQ R/A POL

TE Part #281742-3
HEADER HE14 RA 2X3 P

TE Part #4-6609107-5
PS0SXSXA=C1099

TE Part #6-1623746-3
ER74 R03 10% AMMO PK

TE Part #7-1623746-4
ER74 R10 10% AMMO PK

TE Part #2-2176338-5
CRGCC 0402 10K 5%

TE Part #7-1625876-6
CBT 1/2 5% 220R BULK

TE Part #601092
DIE ASSEMBLY (ASI)



Documents

Product Drawings

[ER74 R01 10% AMMO PK](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-1623746-7_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1623746-7_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1623746-7_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

[Type ER/ERV Series High Power Resistors](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English