ER586K8JT ✔ ACTIVE

CGS | CGS ER

TE Internal #: 3-1623750-3

6.8K ohm, Wire Wound, Power Resistor, 5 %, 7 W, 0 – 60 ppm/°C, Axial-Leaded, Copper Termination, 22.2 x 8 mm, Ammo Packed, 2 Terminations, CGS ER

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **7 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **6.8K Ω**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	200 V
Power Rating	7 W
Resistance Class	1kΩ – 1MΩ
Resistance Value	6.8K 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	22.2 x 8 mm

Usage Conditions

Operating Temperature Range	-55 – 200 °C[-67 – 392 °F]
Temperature Coefficient	0 – 60 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) 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 # 1-1623746-3
ER74 1R0 5% AMMO PK



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



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



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



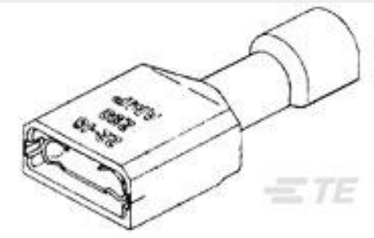
TE Part # 4-1623750-7
ER58 R22 5% AMMO

Also in the Series | CGS ER



Through-Hole Resistors(168)

Customers Also Bought



TE Part #2-520083-2
ULTRA-FAST .110/.125 ASY REC 22-18 TPBR



TE Part #1623750-6
ER58 15K 5% AMMO



TE Part #2-1625886-9
1W SM M/OX 5% 5K6

Documents

Product Drawings

ER58 6K8 5% AMMO

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-1623750-3_BA1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1623750-3_BA1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1623750-3_BA1.3d_igs.zip

English

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Datasheets & Catalog Pages

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

1309350_PASSIVE_COMPONENT

English

High Power Resistors - Type ER/ERV Series

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English