



Passive Components > Resistors > Fixed Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Dimensions: **22.2 x 8 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Tolerance: **5%**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Wirewound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	200 V
Tolerance	5%
Resistance Class	1kΩ – 1MΩ
Resistance	6.8K Ω
Power Rating	7 W

Body Features

Lead Type	Axial Leaded
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Termination Features

Number of Terminations	2
Termination Type	Tinned Copper Leads

Mechanical Attachment

Mount Style	Axial Leaded
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Dimensions



Dimensions	22.2 x 8 mm
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Usage Conditions

Operating Temperature Range	-55 – 200 °C
Temperature Coefficient	0 – 60 ppm/°C

Packaging Features

Packaging Method	Ammo Packed
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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	欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月（197） SvHCs候选清单的声明更新至: 2017年7月（174）
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

ER58 6K8 5% AMMO

TE Part # 3-1623750-3
TE Internal #: ER586K8JT



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

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

Customers Also Bought

TE Part #7-1623933-4
CFR50 5% 8M2

TE Part #1-1623750-8
ER58 2K2 5% AMMO

TE Part #2-1623750-6
ER58 4K7 5% AMMO

TE Part #5-2176343-5
CRGCQ 1206 330K 1%

TE Part #4-2176328-9
CRGP 1206 100K 1%

TE Part #1676637-2
RN 0805 10R5 0.1% 10PPM
1K RL

Documents

Product Drawings
ER58 6K8 5% AMMO

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_3-1623750-3_BA.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_3-1623750-3_BA.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_3-1623750-3_BA.3d_stp.zip

English



Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

Type ER/ERV Series High Power Resistors

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English