



Passive Components > Resistors > Through-Hole Resistors



Resistance Value: **6.8K Ω**

Resistor Type: **General Purpose Resistor**

Element Type: **Thin Film**

Power Rating: **.6 W**

Resistance Class: **1k Ω – 1M Ω**

Features

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	350 V
Resistance Value	6.8K Ω
Power Rating	.6 W
Resistance Class	1k Ω – 1M Ω
Passive Component Tolerance	1 %

Body Features

Lead Type	Axial-Leaded
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Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	6.2 x 2.3 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±50 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	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

LR1F6K8

6.8K ohm, Through-Hole General Purpose Resistor, Thin Film, .6 W, 1 %, ±50 ppm/°C, Axial-Leaded, Copper Termination, 6.2 x 2.3 mm, Neohm LR



TE Part # 1622742-1
LR2 1% 39K



TE Part # 1614978-1
LR0204 1% 10K



TE Part # 1622367-1
LR1 1% 1M0



TE Part # 1622298-1
LR1 1% 10K



TE Part # 1622598-1
LR1L 5% R10

Also in the Series | **Neohm LR**



DIMM Sockets(5)



Through-Hole Resistors(490)

Customers Also Bought



TE Part #1622548-1
LR1 1% 68K



TE Part #1622311-1
LR1 1% 12K



TE Part #1622414-1
LR1 1% 2K2



TE Part #1622467-1
LR1 1% 3K9



TE Part #1622531-1
LR1 1% 5K6



TE Part #1622297-1
LR1 1% 100R



TE Part #1622440-1
LR1 1% 33K



TE Part #1622298-1
LR1 1% 10K



Documents

Product Drawings

LR1 1% 6K8

English

LR1 1% 6K8

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1622555-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1622555-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1622555-1_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Metal Film Fixed Resistors - Type LR series

English