



Passive Components > Resistors > Through-Hole Resistors



Resistance Value: **68K  $\Omega$**

Resistor Type: **General Purpose Resistor**

Element Type: **Thin Film**

Power Rating: **.6 W**

Resistance Class: **1k $\Omega$  – 1M $\Omega$**

Features

Product Type Features

|               |                          |
|---------------|--------------------------|
| Resistor Type | General Purpose Resistor |
| Element Type  | Thin Film                |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Operating Voltage           | 350 V                     |
| Resistance Value            | 68K $\Omega$              |
| Power Rating                | .6 W                      |
| Resistance Class            | 1k $\Omega$ – 1M $\Omega$ |
| Passive Component Tolerance | 1 %                       |

Body Features

|           |              |
|-----------|--------------|
| Lead Type | Axial-Leaded |
|-----------|--------------|

Termination Features

|                                |        |
|--------------------------------|--------|
| Termination Area Base Material | Copper |
| Number of Terminations         | 2      |

Dimensions

|                              |              |
|------------------------------|--------------|
| Passive Component Dimensions | 6.2 x 2.3 mm |
|------------------------------|--------------|



Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -55 – 155 °C |
| Temperature Coefficient     | ±50 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                   | Out of Scope                                                                                                                  |
| 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

LR1F68K

68K 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 # 1622598-1  
LR1L 5% R10



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

Also in the Series | **Neohm LR**



DIMM Sockets(5)



Through-Hole Resistors(490)

Customers Also Bought



TE Part #1-2176090-0  
RP 1J 0.166W 162K 0.1% 25PPM 1K RL



TE Part #1622311-1  
LR1 1% 12K



TE Part #1622555-1  
LR1 1% 6K8



TE Part #1622320-1  
LR1 1% 150K



TE Part #1622386-1  
LR1 1% 220R



TE Part #1622341-1  
LR1 1% 180K



TE Part #1622385-1  
LR1 1% 220K



TE Part #1622388-1  
LR1 1% 221R





Documents

Product Drawings

LR1 1% 68K

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1622548-1\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1622548-1\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1622548-1\_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