



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **6.8 x 2.6 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Passive Component Tolerance: **5 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Metal Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	350 V
Passive Component Tolerance	5 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	8.2K Ω
Power Rating	1 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	6.8 x 2.6 mm
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Usage Conditions

Temperature Coefficient	± 300 ppm/ $^{\circ}\text{C}$
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 $^{\circ}\text{C}$

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

RR01J8K2TB

8.2K Ω , Metal Film, Power Resistor, 5 %, 6.8 x 2.6 mm, 2 Termination, Ammo Packed, 1 W, ± 300 ppm/ $^{\circ}\text{C}$, Tinned Copper Leads Termination, Neohm RR



TE Part # 4-1879350-9
RR01 5% 22R AMMO

TE Part # 7-1879352-7
RR02 5% 470R AMMO

TE Part # 5-1879352-5
RR02 5% 56R AMMO

TE Part # 6-1879354-6
RR03 5% 160R AMMO

TE Part # 8-1879354-5
RR03 5% 1K0 AMMO

Also in the Series | Neohm RR

Through-Hole Resistors(494)

Customers Also Bought

TE Part #2-1879378-3
TLR 2512 3.0W R0015 1% 50PPM 2K RL

TE Part #2-1879445-8
TE 120W 180R 5% Bracket

TE Part #1734366-1
Std USB Type A, VT, T/H

TE Part #1-1879509-5
CRGH0805 1% 150R 0.33W

TE Part #2016682-2
RF CA,UMCC1 TO SMA JACK,1.13MM, L100MM

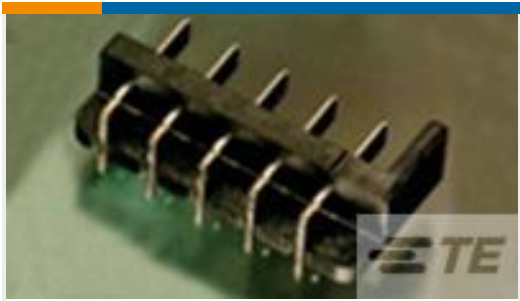
TE Part #6-2176327-1
CRGP 0805 1M0 1%

TE Part #2176248-5
TJT 250W 4R7 5%

TE Part #2418224-1
Moulded EMI Gasket Conductive Sheet

RR01J8K2TB

8.2K Ω , Metal Film, Power Resistor, 5 %, 6.8 x 2.6 mm, 2 Termination, Ammo Packed,
1 W, ± 300 ppm/ $^{\circ}\text{C}$, Tinned Copper Leads Termination, Neohm RR



TE Part #5787441-1
[HDR ASY,RA,NO KEY,STR TAIL](#)

Documents

Product Drawings

[RR01 5% 8K2 AMMO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1879351-2_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1879351-2_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1879351-2_BA.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

[Power Resistor - Type RR Series - Tyco Electronics Passives](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English