



Neohm | Neohm RR

TE Internal #: 7-1879354-8

510 ohm, Through-Hole Power Resistor, Metal Film, 3 W, 5 %, ±300 ppm/°C, Axial-Leaded, Copper Termination, 15 x 5 mm, Ammo Packed, Neohm RR

[View on TE.com >](#)

Passive Components > Resistors > Through-Hole Resistors



Resistance Value: 510 Ω

Resistor Type: Power Resistor

Element Type: Metal Film

Power Rating: 3 W

Resistance Class: Up to 1kΩ

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Metal Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	750 V
Resistance Value	510 Ω
Power Rating	3 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

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	15 x 5 mm
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Usage Conditions

Temperature Coefficient	±300 ppm/°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: 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>

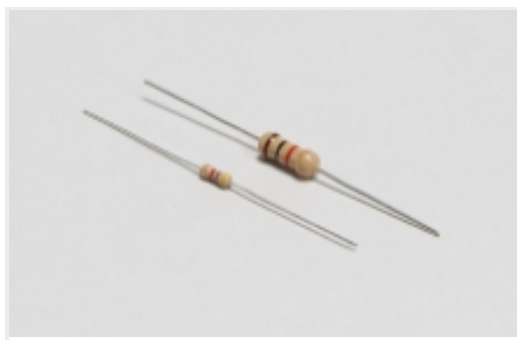
Compatible Parts





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

Also in the Series | Neohm RR

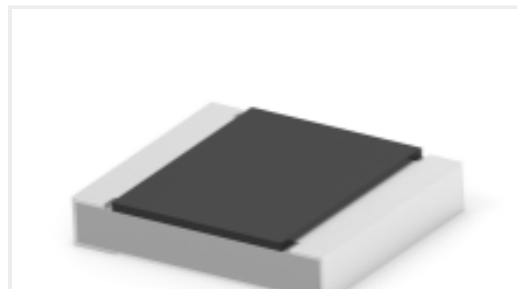


Through-Hole Resistors(478)

Customers Also Bought



TE Part #2102061-9
Mezalok, Socket, 114 p, 18 mm, 50 Au, TL



TE Part #7-2176591-6
RLC73PD 2E R34 1% 1K RL



TE Part #8-1879354-2
RR03 5% 750R AMMO



TE Part #4-1734376-8
USB CONN., B,4P, R/A,W/ SHELL, NATURAL



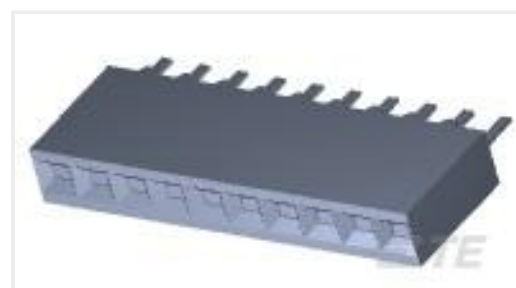
TE Part #5-146305-5
05 MODII HD SRRA B/A .100CL,LF



TE Part #6-2176304-2
RP 1E 0.1W 43R2 0.1% 25PPM 5K RL



TE Part #1-5102156-1
A/L UNIV HDR 60P VERT



TE Part #5-535541-8
10 MODIV VRT SR CE 100/115



TE Part #1825057-6
ADE0704=DIP SWITCH,EXT,THRU/HL



TE Part #7-1879354-2
RR03 5% 300R AMMO



Documents

Product Drawings

[RR03 5% 510R AMMO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_7-1879354-8_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1879354-8_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1879354-8_BA.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English

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

English