



Passive Components > Resistors > Through-Hole Resistors



Resistance Value: **82K Ω**

Resistor Type: **Power Resistor**

Element Type: **Metal Film**

Power Rating: **2 W**

Resistance Class: **1k Ω – 1M Ω**

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	500 V
Resistance Value	82K Ω
Power Rating	2 W
Resistance Class	1k Ω – 1M Ω
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	9 x 3.5 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 # 5-1879352-5 RR02 5% 56R AMMO	 TE Part # 8-1879354-5 RR03 5% 1K0 AMMO	 TE Part # 6-1879354-6 RR03 5% 160R AMMO	 TE Part # 7-1879352-7 RR02 5% 470R AMMO
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TE Part # 4-1879350-9
[RR01 5% 22R AMMO](#)

Also in the Series | [Neohm RR](#)

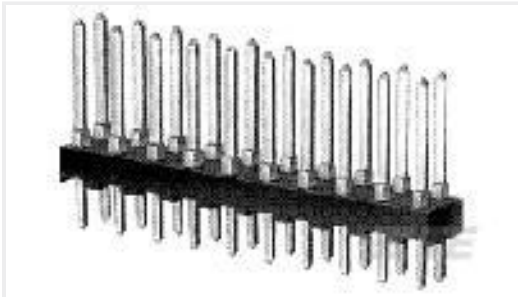


[Through-Hole Resistors\(478\)](#)

Customers Also Bought



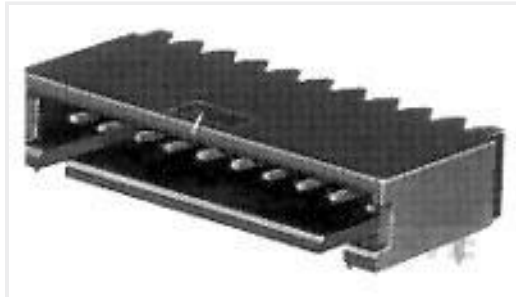
TE Part #1-1625999-4
[HSC100 1R0 5%](#)



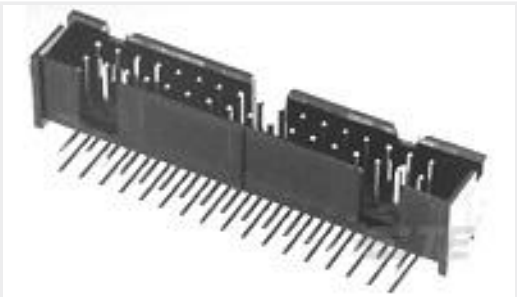
TE Part #1-87227-3
[26 MODII HDR DRST UNSHRD .100](#)



TE Part #172781-4
[LOW PROFILE MINI AMP-IN \(AWG#30-#26\)Y-TY](#)



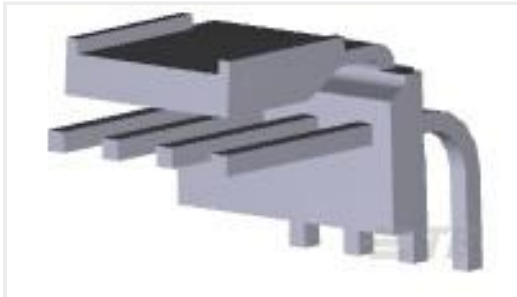
TE Part #5-102203-7
[10 MODII HDR SRRA SHRD LF](#)



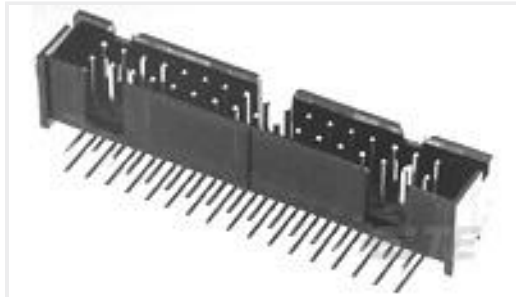
TE Part #1-5103311-2
[A/L LOW PRO HDR 60P RA BLACK](#)



TE Part #3-5331272-5
[SOCKET,MIN-SPR SN-AU SER-2](#)



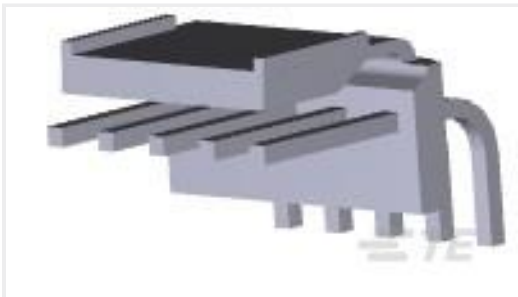
TE Part #3-644613-4
[04P MTA156 HDR RA PO WO PEG LF](#)



TE Part #103311-1
[010 LOPRO HDR RA 30DP](#)



TE Part #1-1825910-4
[FSM8JH=6MM TACT SWITCH, HIGH TEMP](#)



TE Part #3-644613-5
[05P MTA156 HDR RA PO WO PEG LF](#)



Documents

Product Drawings

RR02 5% 82K AMMO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1879353-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1879353-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1879353-2_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