

RR01J51KTB

✓ ACTIVE

Neohm | Neohm RR

TE Internal #: 3-1879351-1

51K 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

[View on TE.com >](#)



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
---------------------	---

Electrical Characteristics

Voltage Rating	350 V
Passive Component Tolerance	5 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	51K Ω
Power Rating	1 W

Body Features

Passive Component Lead Type	Axial-Leaded
-----------------------------	--------------

Termination Features

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

Dimensions

Passive Component Dimensions	6.8 x 2.6 mm
------------------------------	--------------



Usage Conditions

Temperature Coefficient	± 300 ppm/ $^{\circ}\text{C}$
-------------------------	-----------------------------------

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	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 2022 (224) 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



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



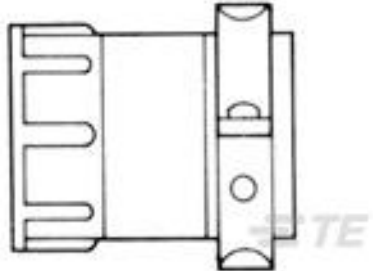
TE Part #320574
TERMINAL,PIDG R 16-14 10



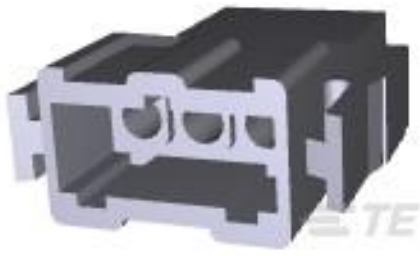
TE Part #1461247-3
OJ-SH-124LMH,000



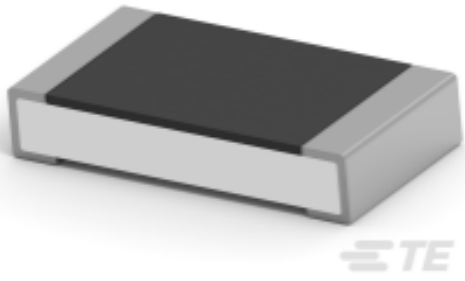
TE Part #1-1879453-7
TE 1000W 22R 5% Bracket



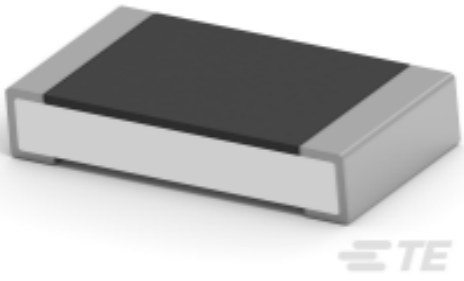
TE Part #207008-5
CABLE CLAMP, SIZE 13



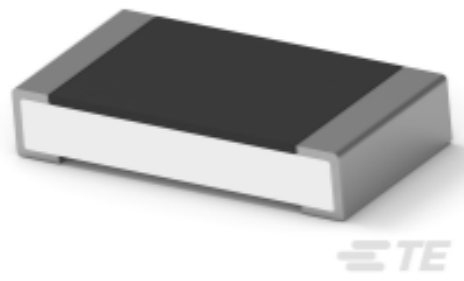
TE Part #207359-1
RECEPT HSG,3 POSN,METRIC



TE Part #2176390-5
RQ 1206 1K27 0.1% 10PPM 5K RL



TE Part #3-2176390-8
RQ 1206 2K8 0.1% 10PPM 5K RL



TE Part #5-2176391-2
RQ 1206 42K2 0.1% 10PPM 5K RL



Documents

Product Drawings

RR01 5% 51K AMMO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1879351-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1879351-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1879351-1_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

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