



NEOHM | NEOHM R

TE Internal #: 2-1676913-6

1K ohm, Thin Film, Precision Resistor, .1 %, .25 W, ±15 ppm/°C, Axial-Leaded, Copper Termination, 6.3 x 2.3 mm, Ammo Packed, 2 Terminations, NEOHM R

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Power Rating: **.25 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **1K Ω**

Features

Product Type Features

| | |
|---------------|--------------------|
| Resistor Type | Precision Resistor |
| Element Type | Thin Film |

Configuration Features

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

Electrical Characteristics

| | |
|-----------------------------|-----------|
| Operating Voltage | 250 V |
| Power Rating | .25 W |
| Resistance Class | 1kΩ – 1MΩ |
| Resistance Value | 1K Ω |
| Passive Component Tolerance | .1 % |

Body Features

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

Termination Features

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

Dimensions

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|------------------------------|--------------|
| Passive Component Dimensions | 6.3 x 2.3 mm |
|------------------------------|--------------|



Usage Conditions

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|-----------------------------|--|
| Operating Temperature Range | -65 – 155 $^{\circ}$ C[-85 – 311 $^{\circ}$ F] |
| Temperature Coefficient | ± 15 ppm/ $^{\circ}$ C |

Packaging Features

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|------------------|-------------|
| 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Reflow solder capable to 260 $^{\circ}$ 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 # 1-1676915-5
YR1 0.1% 787R



TE Part # 1-1622794-0
CR1 0.1% 25R COLOUR CODED



TE Part # 1-1879026-1
YR1 0.1% 12R7



TE Part # 1-1879027-0
YR1 0.1% 60R4



TE Part # 1-1879027-4
YR1 0.1% 665K



TE Part # 1-1879027-8
YR1 0.1% 732K



TE Part # 4-1676914-2
YR1 0.1% 4K12



TE Part # 3-1879026-0
YR1 0.1% 19R6



TE Part # 3-1676914-2
YR1 0.1% 44K2



TE Part # 3-1676915-5
YR1 0.1% 8K66



TE Part # 3-1676913-0
YR1 0.1% 20K



TE Part # 3-1879026-5
YR1 0.1% 22R1



TE Part # 4-1676914-7
YR1 0.1% 4K87



TE Part # 4-1676913-9
YR1 0.1% 243R



TE Part # 4-1676915-2
YR1 0.1% 953R



TE Part # 4-1676914-8
YR1 0.1% 4K99



TE Part # 4-1622796-8
YR1 0.1% 13K3



TE Part # 1622796-6
YR1 0.1% 10K

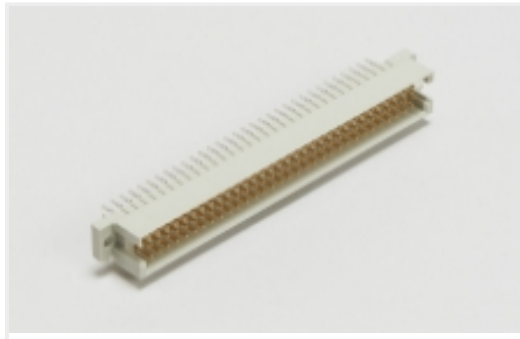


TE Part # 1622796-4
YR1 0.1% 107K

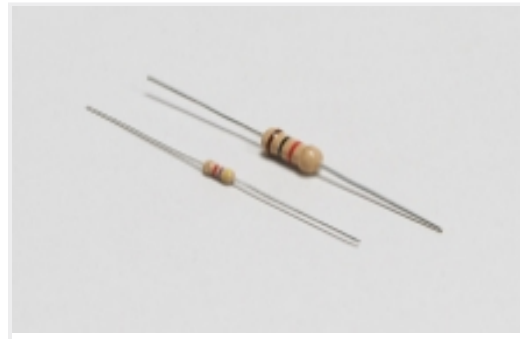


TE Part # 1622796-7
YR1 0.1% 115K

Also in the Series | **NEOHM R**



Eurocard Connectors(1)



Through-Hole Resistors(484)

Customers Also Bought



TE Part #800095-SF
FN343-6-05



TE Part #3-640434-2
02P MTA156 CONN ASSY 24AWG
WHT



TE Part #8-1415363-2
0430 45 280 100



TE Part #1-1622796-6
YR1 0.1% 200R



TE Part #2-1676913-7
YR1 0.1% 1M0



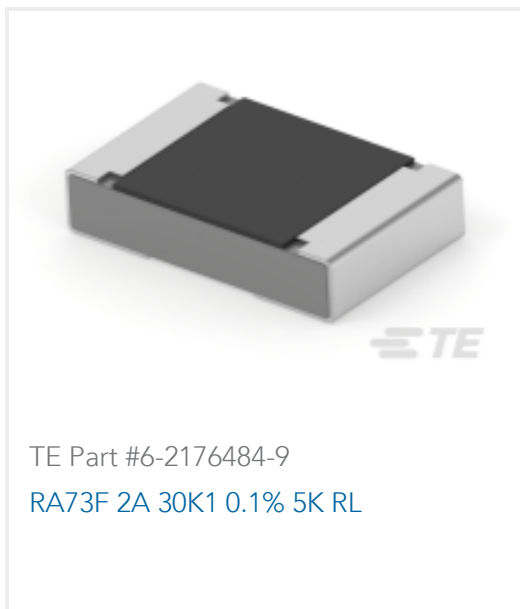
TE Part #3-1676913-0
YR1 0.1% 20K



TE Part #7-1676913-9
YR1 0.1% 2K0



TE Part #1987984-1
AMP IN TERMINAL 11.5-10 AWG



TE Part #6-2176484-9
RA73F 2A 30K1 0.1% 5K RL



TE Part #2421777-2
02P MICRO MNL ASSY,VRT,SMT LF

Documents

Product Drawings

[YR1 0.1% 1K0](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1676913-6_BA.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2-1676913-6_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1676913-6_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

[Precision Metal Film Fixed Resistors - Type R Series](#)

English