



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 1206

Power Rating: .125 W

Resistance Value: 1K  $\Omega$

Features

Product Type Features

|                   |                    |
|-------------------|--------------------|
| Resistor Type     | Precision Resistor |
| Element Type      | Thin Film          |
| Package Size Code | 1206               |

Configuration Features

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

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Operating Voltage           | 150 V                     |
| Power Rating                | .125 W                    |
| Resistance Value            | 1K $\Omega$               |
| Resistance Class            | 1k $\Omega$ - 1M $\Omega$ |
| Passive Component Tolerance | .1 %                      |

Termination Features

|                                         |        |
|-----------------------------------------|--------|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations                  | 2      |

Dimensions

|                |                  |
|----------------|------------------|
| Product Height | .55 mm[.022 in]  |
| Product Length | 3.05 mm[.12 in]  |
| Product Width  | 1.55 mm[.061 in] |



Usage Conditions

|                         |                                  |
|-------------------------|----------------------------------|
| Temperature Coefficient | $\pm 10$ ppm/ $^{\circ}\text{C}$ |
|-------------------------|----------------------------------|

Packaging Features

|                  |                |
|------------------|----------------|
| Packaging Method | Taped & Reeled |
|------------------|----------------|

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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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                     | Reflow solder capable to 260 $^{\circ}\text{C}$                                                                               |

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

RN73C2B1K0BTD

Precision Resistor, Thin Film, 1206, .125 W, 1K  $\Omega$ , .1 %,  $\pm 10$  ppm/ $^{\circ}\text{C}$ , Solder, 2 Termination, Height .022 in [.55 mm], Holsworthy RN73

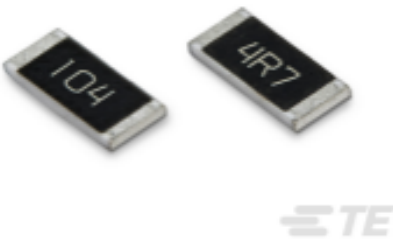




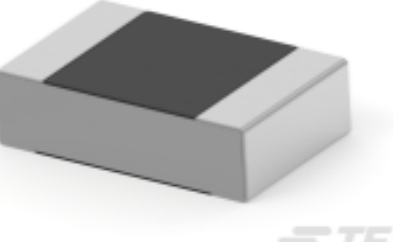
TE Part # 1676153-2  
RN 0805 10K 0.1% 10PPM 1KRL



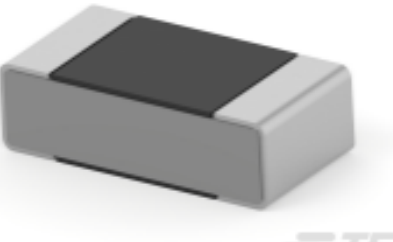
TE Part # 1614349-9  
RN 0603 10K 0.1% 10PPM CUT LENGTH



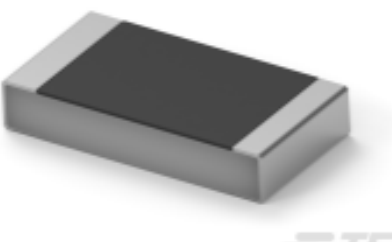
TE Part # 1676153-3  
RN 0805 10K 0.1% 10PPM 5KRL



TE Part # 1-1676142-3  
RN 0805 100K 0.01% 10PPM 5K RL

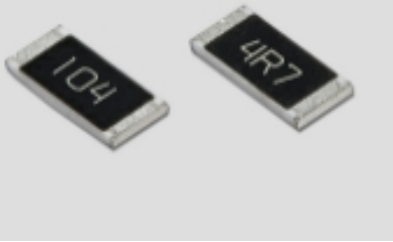


TE Part # 8-1879130-4  
RN 0402 5K11 0.1% 10PPM 5K RL



TE Part # 1614708-7  
RN 1206 4K75 0.1% 10PPM CUT LENGTH

Also in the Series | [Holsworthy RN73](#)



[Surface Mount Resistors\(3788\)](#)

Customers Also Bought



TE Part # DT04-2P  
REC, 2P, GRY, N



TE Part # DT06-2S  
PLG, 2P, GRY, N



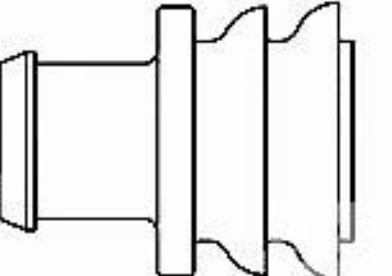
TE Part # W2S  
Wedgelocks: DEUTSCH DT



TE Part # 0460-202-16141  
DEUTSCH Solid Contacts



TE Part # 282104-1  
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part # 281934-2  
SINGLE WIRE SEAL



TE Part # 114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



Documents

Product Drawings

[RN 1206 1K0 0.1% 10PPM 5K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1614708-4\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1614708-4\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1614708-4\\_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

[High Precision Resistors \(SMD\) - Type RN73 Series - Tyco Electronics Passives](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English