

# RN73C1E10KBTDF ✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 6-1879131-8

Surface Mount Resistors, Precision Resistor, 2 Termination, 0402, Taped & Reeled, .1 %, Thin Film, Resistance Class 1k $\Omega$  – 1M $\Omega$ , 10K  $\Omega$ , Holsworthy RN73

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Package Size Code: **0402**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **.1 %**

## Features

### Product Type Features

|                   |                    |
|-------------------|--------------------|
| Product Type      | Fixed Resistor     |
| Resistor Type     | Precision Resistor |
| Package Size Code | 0402               |
| Element Type      | Thin Film          |

### Configuration Features

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

### Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Voltage Rating              | 25 V                      |
| Passive Component Tolerance | .1 %                      |
| Resistance Class            | 1k $\Omega$ – 1M $\Omega$ |
| Resistance Value            | 10K $\Omega$              |
| Power Rating                | .063 W                    |

### Termination Features

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

### Dimensions

|                              |                |
|------------------------------|----------------|
| Passive Component Dimensions | 1 x .5 x .3 mm |
|------------------------------|----------------|



### Usage Conditions

|                         |            |
|-------------------------|------------|
| Temperature Coefficient | ±10 ppm/°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: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<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°C  |

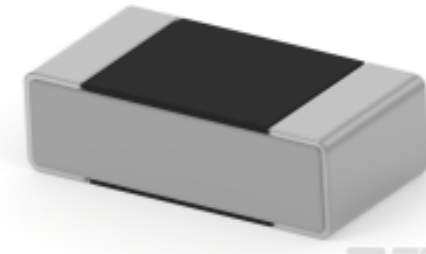
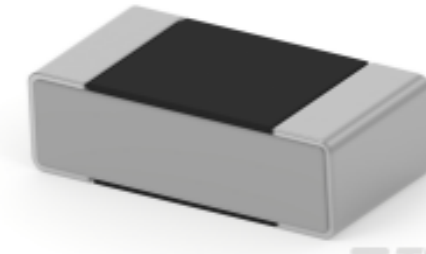
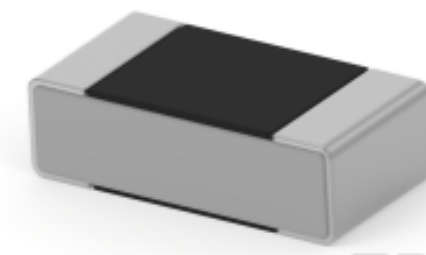
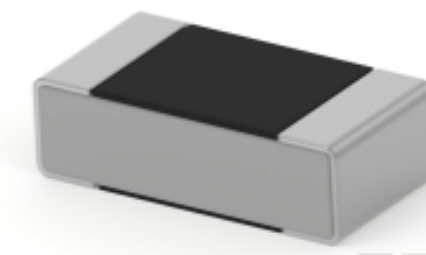
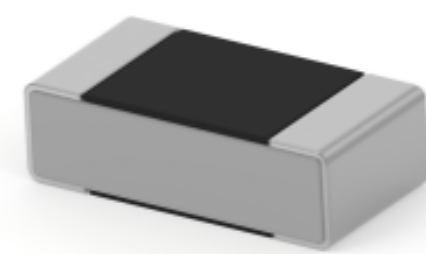
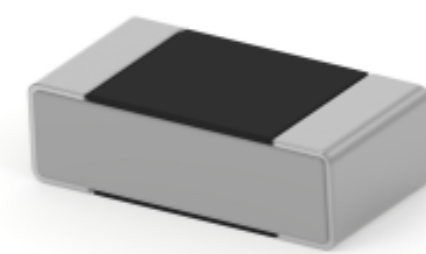
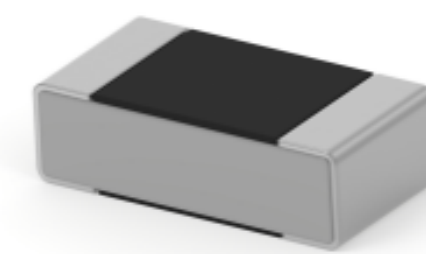
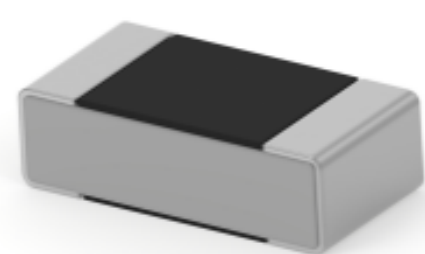
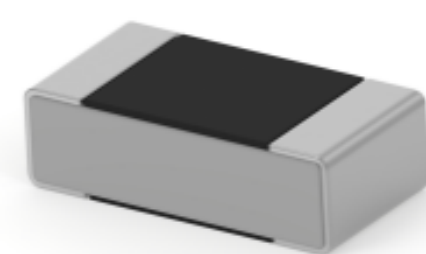
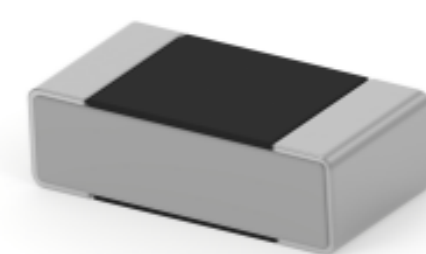
#### Product Compliance Disclaimer

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

|  |  |  |   |
|--|--|--|---|
|  <p>TE Part # 1676153-2<br/>RN 0805 10K 0.1% 10PPM 1KRL</p> |  <p>TE Part # 1614349-9<br/>RN 0603 10K 0.1% 10PPM CUT LENGTH</p> |  <p>TE Part # 1676153-3<br/>RN 0805 10K 0.1% 10PPM 5KRL</p> |  <p>TE Part # 1-1676142-3<br/>RN 0805 100K 0.01% 10PPM 5K RL</p> |
|--|--|--|---|



|  |  |  |  |
|--|--|--|--|
|  <p>TE Part # 8-1879130-4<br/>RN 0402 5K11 0.1% 10PPM 5K RL</p>   |  <p>TE Part # 1-1879131-2<br/>RN 0402 6K34 0.1% 10PPM 5K RL</p>   |  <p>TE Part # 1-1879131-5<br/>RN 0402 6K49 0.1% 10PPM 5K RL</p>   |  <p>TE Part # 1-1879131-8<br/>RN 0402 6K65 0.1% 10PPM 5K RL</p>   |
|  <p>TE Part # 2-1879131-1<br/>RN 0402 6K81 0.1% 10PPM 5K RL</p>   |  <p>TE Part # 2-1879131-7<br/>RN 0402 7K15 0.1% 10PPM 5K RL</p>   |  <p>TE Part # 3-1879131-0<br/>RN 0402 7K32 0.1% 10PPM 5K RL</p>   |  <p>TE Part # 3-1879131-6<br/>RN 0402 7K68 0.1% 10PPM 5K RL</p>   |
|  <p>TE Part # 3-1879131-9<br/>RN 0402 7K87 0.1% 10PPM 5K RL</p> |  <p>TE Part # 4-1879131-5<br/>RN 0402 8K25 0.1% 10PPM 5K RL</p> |  <p>TE Part # 5-1879131-1<br/>RN 0402 8K66 0.1% 10PPM 5K RL</p> |  <p>TE Part # 5-1879131-4<br/>RN 0402 8K87 0.1% 10PPM 5K RL</p> |
|  <p>TE Part # 5-1879131-7<br/>RN 0402 9K09 0.1% 10PPM 5K RL</p> |  <p>TE Part # 6-1879131-0<br/>RN 0402 9K31 0.1% 10PPM 5K RL</p> |  <p>TE Part # 6-1879131-3<br/>RN 0402 9K53 0.1% 10PPM 5K RL</p> |  |

Also in the Series | **Holsworthy RN73**



Surface Mount Resistors(2572)

Customers Also Bought



TE Part #120527-1  
1FHP,64,30A/P,S,N,S10,12,13,15



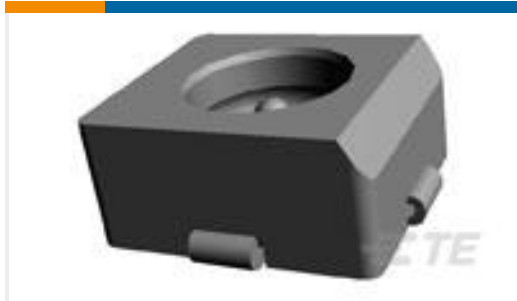
TE Part #1-5499141-0  
A/L UNIV HDR 50P RA LG LAT



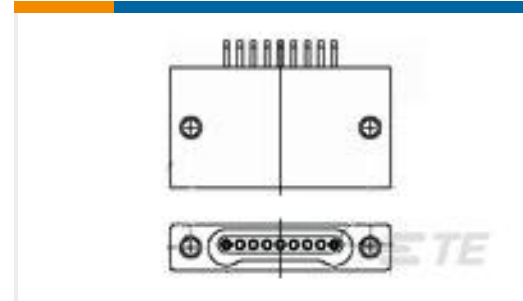
TE Part #640452-3  
03P MTA100 HDR ASSY SQ STR



TE Part #9-1879212-8  
CPF 0402 24R9 0.1% 25PPM 1K RL



TE Part #1055687-1  
2367 0000 54, VERT PLUG



TE Part #1589462-9  
SSL009L2HN = SMT CONN



TE Part #2199119-2  
M.2 0.5PITCH 3.2H KEY E GOLDFLASH



TE Part #1546310-4  
4P .563" DR BARRIER STRIP

## Documents

### Product Drawings

[RN 0402 10K 0.1% 10PPM 1K RL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1879131-8\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1879131-8\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-1879131-8\\_BA.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[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

### Product Environmental Compliance



[MD\\_6-1879131-8\\_05232016049\\_dmtec](#)

English

[MD\\_6-1879131-8\\_05232016049\\_dmtec](#)

English