# RN73C1E1K02BTG ✔ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 7-1879128-9

1.02K ohm, Thin Film, Precision Resistor, .1 %, 0402, .063 W, ±10 ppm/°C, Solder, 2 Terminations, .3 mm [.012 in] Height, Holsworthy RN73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors




Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.063 W**

Resistance Value: **1.02K Ω**

## Features

### Product Type Features

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

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 25 V |
| Power Rating | .063 W |
| Resistance Value | 1.02K Ω |
| Resistance Class | 1kΩ – 1MΩ |
| Passive Component Tolerance | .1 % |

### Termination Features

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

### Dimensions

| | |
|---|---|
| Product Height | .3 mm[.012 in] |
| Product Length | 1 mm[.039 in] |

| | |
|---|---|
| Product Width | .5 mm[.02 in] |

### Usage Conditions

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|---|---|
| Temperature Coefficient | ±10 ppm/°C |

### Industry Standards

| | |
|---|---|
| Moisture Sensitivity Level | 1 |

### Packaging Features

| | |
|---|---|
| Packaging Method | Cut Tape Length |

## 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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°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

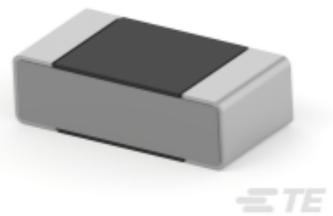
## Compatible Parts




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



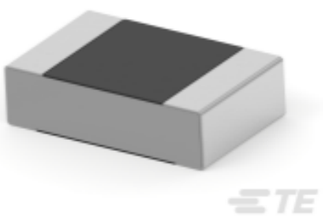

TE Part # 1676153-3
RN 0805 10K 0.1% 10PPM 5KRL



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

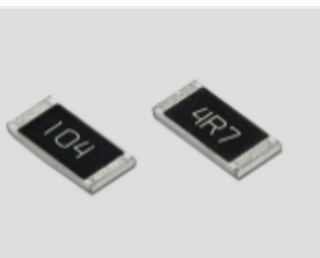



TE Part # 1614349-9
RN 0603 10K 0.1% 10PPM CUT LENGTH



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

## Also in the Series | Holsworthy RN73

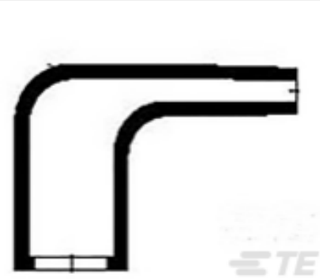



Surface Mount Resistors(3639)

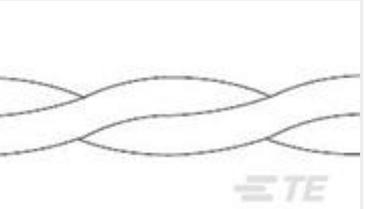
## Customers Also Bought



TE Part #7658314002
RNF-3000-12/4-7-SP



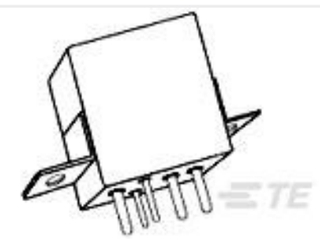
TE Part #CJ4139-000
224W201-12-0



TE Part #D812003001
55M0424-30-2/6



TE Part #1-1415539-6
PTMG0220



TE Part #5-1617748-9
FCA-125-AY2



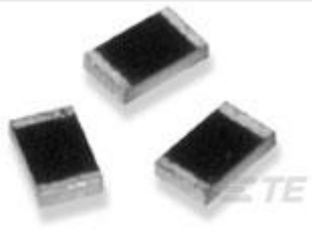
TE Part #1622747-1
LR2 1% 3K9



TE Part #5-1879125-3
RN 0402 76R8 0.1% 10PPM 1K RL



TE Part #4-1879128-6
RN 0402 787R 0.1% 10PPM CUT LENGTH



TE Part #7-1879743-7
RP 1J 29R4 0.1% 15PPM CUT LENGTH



TE Part #2127934-8
C/A, SFP+, GENERIC, 7.0M

## Documents

### Product Drawings

RN 0402 1K02 0.1% 10PPM CUT LENGTH

English

### CAD Files

Customer View Model

ENG_CVM_CVM_7-1879128-9_BA1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1879128-9_BA1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1879128-9_BA1.3d_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