

Passive Components &gt; Resistors &gt; Surface Mount Resistors

Resistor Type: **Precision Resistor**Element Type: **Thin Film**Package Size Code: **0603**Power Rating: **.063 W**Resistance Value: **147K  $\Omega$** 

## Features

### Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0603

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Operating Voltage	50 V
Power Rating	.063 W
Resistance Value	147K $\Omega$
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	.45 mm [.018 in]
Product Length	1.55 mm [.061 in]
Product Width	.8 mm [.031 in]

## Usage Conditions

Temperature Coefficient	$\pm 10$ ppm/ $^{\circ}$ C
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## Industry Standards

Moisture Sensitivity Level	1
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## Packaging Features

Packaging Method	Taped & Reeled
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 $^{\circ}$ 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

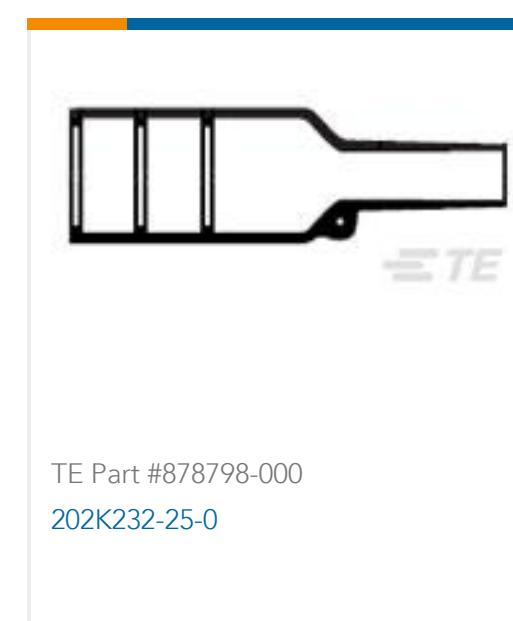
TE Part # 8-1879140-6  
RN 0603 143K 0.1% 10PPM 5K RLTE Part # 8-1879140-8  
RN 0603 150K 0.1% 10PPM 5K RL

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



Surface Mount Resistors(3788)

## Customers Also Bought

TE Part #641837001  
TMS-SCE Military Grade SleevesTE Part #1-2176230-5  
3522 12R 5% 3WTE Part #NB16024001  
RT-375-3/16-X-SPTE Part #878798-000  
202K232-25-0TE Part #164581-000  
B-106-1403TE Part #5053344027  
RNF-100-1-1/2-0-SPTE Part #5053394020  
RNF-100-2-0-SPTE Part #5053144070  
RNF-100-3/8-0-SP



## Documents

### Product Drawings

[RN 0603 147K 0.1% 10PPM 5K RL](#)

English

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### Datasheets & Catalog Pages

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

English