

RN73C1E499RBTD

✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 9-1879127-0

Precision Resistor, Thin Film, 0402, .063 W, 499  $\Omega$ , .1 %,  $\pm 10$  ppm/ $^{\circ}$  C, Solder, 2 Termination, Height .012 in [.3 mm], Holsworthy RN73

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**  
Element Type: **Thin Film**  
Package Size Code: **0402**  
Power Rating: **.063 W**  
Resistance Value: **499  $\Omega$**

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            | 499 $\Omega$              |
| 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 | .3 mm[.012 in] |
| Product Length | 1 mm[.039 in]  |
| Product Width  | .5 mm[.02 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

RN73C1E499RBDT

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TE Part # 8-1879132-9  
RN 0402 18K7 0.1% 10PPM 5K RL

TE Part # 9-1879127-3  
RN 0402 511R 0.1% 10PPM 5K RL

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

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

Customers Also Bought

TE Part # 6-1879208-0  
CPF 0402 3K0 0.1% 25PPM 1K RL

TE Part # 4-1775099-2  
ATX PWR CONN 8 POS

TE Part # 1676666-3  
RN 0805 20R 0.1% 10PPM 5K RL

TE Part # 5-2176305-4  
RP 1E 0.1W 383R 0.1% 25PPM 5K RL

TE Part # 4-2176363-7  
RQ 0402 1K3 0.1% 10PPM 5K RL

TE Part # 7-2176363-4  
RQ 0402 2K49 0.1% 10PPM 5K RL

TE Part # 1-2176362-0  
RQ 0402 49R9 0.1% 10PPM 5K RL

TE Part # 31880  
PIDG R 22-16 COMM 22-18 MIL 4

TE Part # 675714-000  
SO96-3-00

TE Part # 6-2176455-5  
CPF 0402 511K 0.1% 25ppm 1K RL



Documents

Product Drawings

[RN 0402 499R 0.1% 10PPM 5K RL](#)

English

Datasheets & Catalog Pages

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

English