

RN73C2A10KBTD

✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1676153-3
10K ohm, Surface Mount Precision Resistor, Thin Film, 0805, .1 W, .1
%, ±10 ppm/°C, Solder, 2 Terminations, .55 mm [.022 in] Height,
Holsworthy RN73

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Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 10K Ω
Resistor Type: Precision Resistor
Element Type: Thin Film
Package Size Code: 0805
Power Rating: .1 W

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0805

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	100 V
Resistance Value	10K Ω
Power Rating	.1 W
Resistance Class	1k Ω – 1M Ω
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	2 mm[.079 in]



Product Width	1.25 mm[.049 in]
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Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±10 ppm/°C

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>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

RN73C2A10KBTD

10K ohm, Surface Mount Precision Resistor, Thin Film, 0805, .1 W, .1 %, ±10 ppm/°C, Solder, 2 Terminations, .55 mm [.022 in] Height, Holsworthy RN73



 TE Part # 1676648-2 RN 0805 13R7 0.1% 10PPM 1K RL	 TE Part # 1614729-1 RN 0805 121K 0.5% 50PPM 1K RL	 TE Part # 1-1879015-2 RN 1206 825R 0.1% 5PPM Cut Length	 TE Part # 4-1879126-9 RN 0402 165R 0.1% 10PPM CUT LENGTH
 TE Part # 1-1879129-0 RN 0402 1K3 0.1% 10PPM CUT LENGTH	 TE Part # 4-1614353-3 RN 0603 37R4 0.1% 10PPM CUT LENGTH	 TE Part # 4-1879131-4 RN 0402 8K25 0.1% 10PPM 1K RL	 TE Part # 5-1614707-5 RN 1206 10R 0.1% 10PPM 1K RL
 TE Part # 5-1614350-3 RN 0603 165R 0.1% 10PPM CUT LENGTH	 TE Part # 5-1614354-8 RN 0603 768R 0.1% 10PPM CUT LENGTH	 TE Part # 5-1879028-8 RN 0805 191K 0.1% 10PPM 1K RL	 TE Part # 5-1614352-0 RN 0603 2K05 0.1% 10PPM CUT LENGTH
 TE Part # 3-1614707-8 RN 1206 14K5 0.1% 10PPM 1KRL	 TE Part # 3-1614353-2 RN 0603 34K 0.1% 10PPM CUT LENGTH	 TE Part # 3-1676731-5 RN 0805 2K2 0.1% 5PPM 5K RL	 TE Part # 1-1676971-8 RN 0805 232K 0.1% 10PPM CUT LENGTH
 TE Part # 1-1676153-2 RN 0805 10K 0.01% 10PPM 1K RL	 TE Part # 1-1676970-2 RN 0603 158R 0.1% 10PPM 1K RL	 TE Part # 1-1676971-0 RN 0805 191K 0.1% 10PPM CUT LENGTH	 TE Part # 3-1879133-4 RN 0603 1K91 0.1% 10PPM 1K RL

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



[Surface Mount Resistors\(3641\)](#)

Customers Also Bought

TE Part #1676142-3
[RN 0805 100K 0.1% 10PPM 5KRL](#)

TE Part #1676423-2
[RN 0805 732R 0.1% 10PPM 1KRL](#)

TE Part #1676335-2
[RN 0805 40K2 0.1% 10PPM 1KRL](#)

TE Part #1676369-2
[RN 0805 52R3 0.1% 10PPM 1KRL](#)

TE Part #1676394-2
[RN 0805 60R4 0.1% 10PPM 1KRL](#)

TE Part #1676352-3
[RN 0805 499R 0.1% 10PPM 5KRL](#)

TE Part #7-2176380-5
[RQ 0805 6K81 0.1% 10PPM 5K RL](#)

TE Part #1676471-2
[RN 0805 97R6 0.1% 10PPM 1KRL](#)

TE Part #1676303-1
[RN 0805 31K6 0.1% 10PPM CUT LE](#)

TE Part #1676290-3
[RN 0805 2K49 0.1% 10PPM 5KRL](#)

Documents

Product Drawings

[RN 0805 10K 0.1% 10PPM 5KRL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1676153-3_BC.2d_dxf.zip](#)

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English

Customer View Model

[ENG_CVM_CVM_1676153-3_BC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1676153-3_BC.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English

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

English