

RN73C2A10KBTDF

✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1676153-2

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

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 0805

Power Rating: .1 W

Resistance Value: 10K Ω

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
Power Rating	.1 W
Resistance Value	10K Ω
Resistance Class	1kΩ – 1MΩ
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]



Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 311 °F]
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	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) Candidate List Declared Against: JUNE 2025 (250) 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

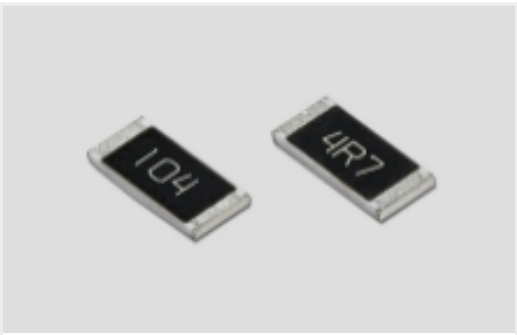
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 TE Part # 1614486-2 RN 0805 240R 0.1% 10PPM 1K RL	 TE Part # 1614647-2 RN 0805 6K2 0.1% 10PPM 1K RL	 TE Part # 1-1879127-9 RN 0402 287R 0.1% 10PPM CUT LENGTH	 TE Part # 1676353-5 RN 0805 49K9 0.1% 10PPM CUT LENGTH
 TE Part # 1-1879028-7 RN 0805 422K 0.1% 10PPM CUT LENGTH	 TE Part # 1-1879126-6 RN 0402 127R 0.1% 10PPM CUT LENGTH	 TE Part # 1-1879131-9 RN 0402 6K81 0.1% 10PPM CUT LENGTH	 TE Part # 1676653-1 RN 0805 15R4 0.1% 10PPM CUT LENGTH
 TE Part # 1-1879126-3 RN 0402 124R 0.1% 10PPM CUT LENGTH	 TE Part # 1-1676731-4 RN 0805 390R 0.1% 5PPM CUT LENGTH	 TE Part # 1-1879132-7 RN 0402 14K7 0.1% 10PPM 1K RL	 TE Part # 1614975-4 RN 1206 6K81 0.1% 10PPM 1K RL
 TE Part # 6-1879131-1 RN 0402 9K53 0.1% 10PPM CUT LENGTH	 TE Part # 1614350-1 RN 0603 10R 0.1% 10PPM 5K RL	 TE Part # 1879135-9 RN 0603 127K 0.1% 10PPM 1K RL	 TE Part # 1879128-8 RN 0402 576R 0.1% 10PPM 1K RL
 TE Part # 1879015-3 RN 1206 1K65 0.1% 5PPM 5K RL	 TE Part # 1879028-8 RN 0805 340K 0.1% 10PPM CUT LENGTH	 TE Part # 1676242-1 RN 0805 1K78 0.1% 10PPM CUT LENGTH	 TE Part # 1676266-3 RN 0805 24K9 0.1% 10PPM 5KRL

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



Surface Mount Resistors(3640)

Customers Also Bought

TE Part #ZPF000000000109461
HDJ 01H 08-98 PA 918C

TE Part #AS608-35SN-903M
PLUG BOOT TERMINN (903M)

TE Part #7-1676481-7
CPF 0603 11K 0.1% 25PPM 1K RL

TE Part #4-2176088-1
RP 1J 0.166W 2K15 0.1% 25PPM 1K RL

TE Part #ZPF000000000207289
745-8407-10

TE Part #ZPF000000000207285
745-8403-12

TE Part #ZPF000000000207292
745-8410-12

TE Part #ZPF000000000207286
745-8404-12

TE Part #ZPF000000000207284
746-8403-12

TE Part #AAD1963-00
100P407-16-1-C-9

Documents

Product Drawings

RN 0805 10K 0.1% 10PPM 1KRL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1676153-2_BC.2d_dxf.zip

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English

Customer View Model

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

English

Customer View Model

[ENG_CVM_CVM_1676153-2_BC.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