

RN73C2A10KBTDF ✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1676153-2

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

[View on TE.com >](#)



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

Industry Standards

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

Usage Conditions

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

Electrical Characteristics

Operating Voltage	100 V
Resistance Value	10K Ω
Power Rating	.1 W
Resistance Class	1k Ω – 1M Ω
Passive Component Tolerance	.1 %

Product Type Features

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

Configuration Features

Number of Resistors	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]

Packaging Features

Packaging Method	Taped & Reeled
------------------	----------------

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: 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°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 # 4-1879130-3
RN 0402 3K74 0.1% 10PPM CUT LENGTH



TE Part # 5-1614352-0
RN 0603 2K05 0.1% 10PPM CUT LENGTH



TE Part # 5-1879028-8
RN 0805 191K 0.1% 10PPM 1K RL



TE Part # 6-1879130-0
RN 0402 4K22 0.1% 10PPM 5K RL



TE Part # 6-1614354-1
RN 0603 78R7 0.1% 10PPM CUT LENGTH



TE Part # 5-1879125-8
RN 0402 80R6 0.1% 10PPM CUT LENGTH



TE Part # 5-1614707-1
RN 1206 226K 0.1% 10PPM CUT LENGTH



TE Part # 5-1614354-9
RN 0603 76R8 0.1% 10PPM CUT LENGTH



TE Part # 4-1879125-0
RN 0402 69R8 0.1% 10PPM CUT LENGTH



TE Part # 4-1614351-3
RN 0603 15R 0.1% 10PPM 1K RL



TE Part # 1-1879015-1
RN 1206 499R 0.1% 5PPM Cut Length



TE Part # 1614708-5
RN 1206 10K5 0.1% 10PPM 5K RL



TE Part # 1676442-2
RN 0805 80R6 0.1% 10PPM 1KRL



TE Part # 1676164-3
RN 0805 11K8 0.1% 10PPM 5KRL



TE Part # 1676648-1
RN 0805 13R7 0.1% 10PPM CUT LENGTH



TE Part # 1676162-3
RN 0805 11K3 0.1% 10PPM 5KRL



TE Part # 1676659-2
RN 0805 17R4 0.1% 10PPM 1K RL



TE Part # 1676332-1
RN 0805 3K83 0.1% 10PPM CUT LENGTH

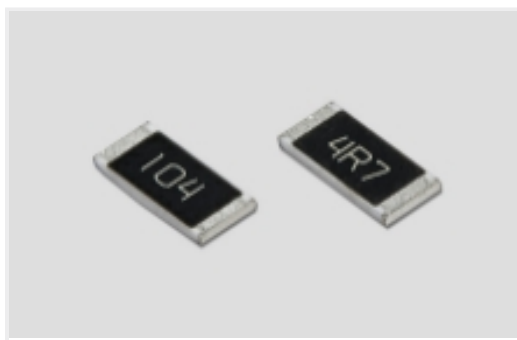


TE Part # 2-1879028-7
RN 0805 5R76 0.1% 10PPM CUT LENGTH



TE Part # 1-1879125-7
RN 0402 57R6 0.1% 10PPM 1K RL

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



Surface Mount Resistors(3641)

Customers Also Bought



TE Part #2418205-1
SNG Sheet 300mm sq x 1.2mm



TE Part #1676174-2
RN 0805 12K7 0.1% 10PPM 1KRL



TE Part #1624347-1
NTC0805 5% 150R



TE Part #1-1879022-9
SMF3 1K8 5%



TE Part #6-2176088-7
RP 1J 0.166W 4K32 0.1% 25PPM 1K RL



TE Part #1-1825910-9
FSM10JAH=6MM TACT SWITCH,
HIGH TEMP



TE Part #3-2176316-2
MELF SMA_A 39K 0.1% 15PPM 0207
1W



TE Part #2418093-1
SNG Cord 2.0mm x 10m L



TE Part #3-2176093-6
RP 2A 0.25W 22K1 0.1% 25PPM 1K RL



TE Part #2176089-2
RP 1J 0.166W 10K5 0.1% 25PPM 1K RL

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

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

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