

RN73C2A100RBTDF

✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1676143-2

100 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: 100 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	100 Ω
Power Rating	.1 W
Resistance Class	Up to 1kΩ
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

RN73C2A100RBTDF

100 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 # 8-1879130-4
RN 0402 5K11 0.1% 10PPM 5K RL

TE Part # 1-1676142-3
RN 0805 100K 0.01% 10PPM 5K RL

TE Part # 1614349-9
RN 0603 10K 0.1% 10PPM CUT LENGTH

TE Part # 1676143-3
RN 0805 100R 0.1% 10PPM 5KRL

TE Part # 1676153-2
RN 0805 10K 0.1% 10PPM 1KRL

TE Part # 1676153-3
RN 0805 10K 0.1% 10PPM 5KRL

TE Part # 1676143-1
RN 0805 100R 0.1% 10PPM CUT LENGTH

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

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

Customers Also Bought

TE Part #233232-E
STVH11 11 M B V 3-00 LA * B012 199 E 016

TE Part #1676467-2
RN 0805 95K3 0.1% 10PPM 1KRL

TE Part #8-1614884-8
CPF 0805 16K 0.1% 25PPM 1K RL

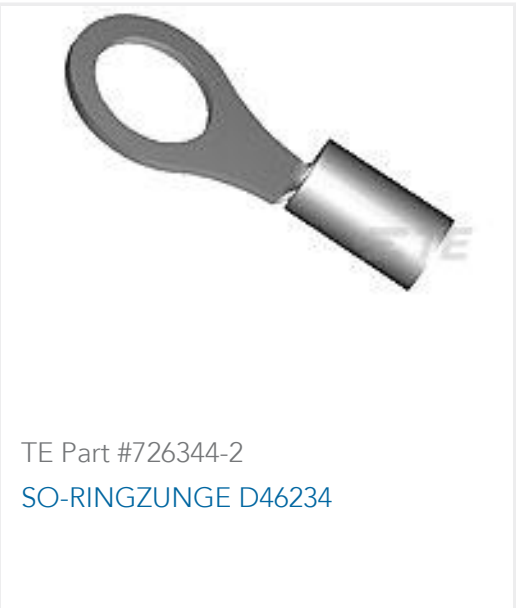
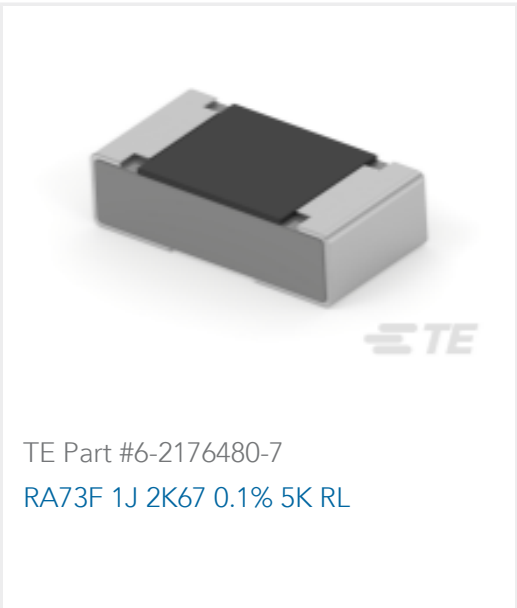
TE Part #9-2176404-0
3550 39R 5%

TE Part #2176481-7
RA73F 1J 6K81 0.1% 5K RL

TE Part #5-1879343-9
CPF 0805 4K99 1% 50PPM 1K RL

TE Part #6-2176480-4
RA73F 1J 2K49 0.1% 5K RL

TE Part #6-2176528-9
3503G 2B 30K1 1% 5K RL



Documents

Product Drawings

[RN 0805 100R 0.1% 10PPM 1KRL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1676143-2_BC.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1676143-2_BC.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1676143-2_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