

RN73C2A590RBTDF ✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1676382-2

590 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: 590 Ω

Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 0805

Power Rating: .1 W

Features

Industry Standards

Moisture Sensitivity Level	1
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Electrical Characteristics

Operating Voltage	100 V
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Resistance Value	590 Ω
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Power Rating	.1 W
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Resistance Class	Up to 1kΩ
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Passive Component Tolerance	.1 %
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Product Type Features

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

Number of Resistors	1
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Termination Features

Surface Mount Resistor Termination Type	Solder
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Number of Terminations	2
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Dimensions



Product Height	.55 mm[.022 in]
Product Length	2 mm[.079 in]
Product Width	1.25 mm[.049 in]

Usage Conditions

Temperature Coefficient	±10 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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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 # 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 # 1676153-3
RN 0805 10K 0.1% 10PPM 5KRL



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



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

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



Surface Mount Resistors(3641)

Customers Also Bought



TE Part #1614883-1
CPF0805 100K 0.1% 25PPM 5K RL



TE Part #8-1614884-4
CPF 0805 10K 0.1% 25PPM 1K RL



TE Part #1676316-2
RN 0805 374R 0.1% 10PPM 1KRL



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



TE Part #1658525-6
622-1053LF, PCB IDC, LEAD FREE



TE Part #6-1614884-2
CPF 0805 1K0 0.1% 25PPM 1K RL



TE Part #1676221-2
RN 0805 1K0 0.1% 10PPM 1KRL



TE Part #1-1879272-3
RP 2A 261R 0.1% 15PPM CUT LENGTH



Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_1676382-2_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1676382-2_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1676382-2_BA.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