

# RN73C2A590RBTDF ✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1676382-2

590  $\Omega$ , Thin Film, Precision Resistor, .1 %, 2 Termination, 0805, Taped & Reeled, .1 W,  $\pm 10$  ppm/ $^{\circ}\text{C}$ , Solder, Height .022 in [.55 mm], Holsworthy RN73

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Package Size Code: **0805**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **.1 %**

## Features

### Product Type Features

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

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Operating Voltage	100 V
Passive Component Tolerance	.1 %
Resistance Class	Up to 1k $\Omega$
Resistance Value	590 $\Omega$
Power Rating	.1 W

### Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

### 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

Temperature Coefficient	$\pm 10$ ppm/ $^{\circ}\text{C}$
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 $^{\circ}\text{C}$

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

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

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

Also in the Series | **Holsworthy RN73**

Surface Mount Resistors(3788)

Customers Also Bought

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

TE Part #7-1879214-3  
CPF 0402 2K1 0.1% 25PPM 1K RL

TE Part #6-1879279-4  
RP 2A 105K 0.1% 15PPM CUT LENGTH

TE Part #5-2176554-0  
3430 A2 1% 100R 100ppm 1k RL

TE Part #5-2176554-3  
3430 A2 1% 130R 100ppm 1k RL

TE Part #3-2176554-1  
3430 A2 1% 16R 100ppm 1k RL

TE Part #3-2176554-8  
3430 A2 1% 33R 100ppm 1k RL

TE Part #4-2176554-6  
3430 A2 1% 68R 100ppm 1k RL



## 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