RN73C1J590RBTDF ✔ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 8-1676970-7

590 ohm, Thin Film, Precision Resistor, .1 %, 0603, .063 W, ±10 ppm /°C, Solder, 2 Terminations, .45 mm [.018 in] Height, Holsworthy RN73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.063 W**

Resistance Value: **590 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0603

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	50 V
Power Rating	.063 W
Resistance Value	590 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.45 mm[.018 in]
Product Length	1.55 mm[.061 in]

Product Width	.8 mm[.031 in]

Usage Conditions

Temperature Coefficient	±10 ppm/°C

Industry Standards

Moisture Sensitivity Level	1

Packaging Features

Packaging Method	Taped & Reeled

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

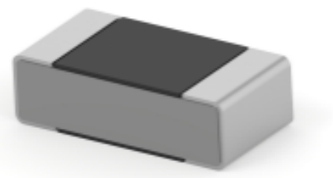
Compatible Parts



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



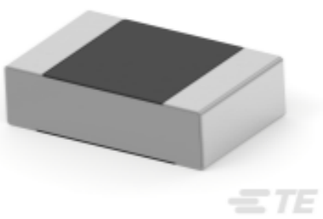
TE Part # 1676153-3
RN 0805 10K 0.1% 10PPM 5KRL



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

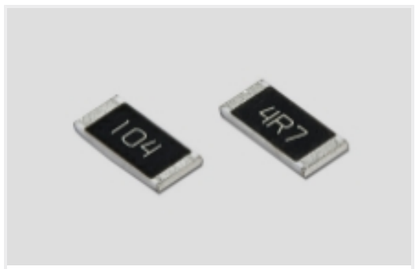


TE Part # 1614349-9
RN 0603 10K 0.1% 10PPM CUT LENGTH



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

Also in the Series | Holsworthy RN73



Surface Mount Resistors(3639)

Customers Also Bought



TE Part #696429-1
SPLICE BUTT PVF2 PIDG 12-10



TE Part #1461492-7
OJT-SS-124LM,000



TE Part #3-1614964-4
CPF 1206 8R2 0.1% 25PPM 1K RL



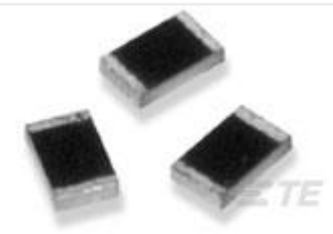
TE Part #7-1879221-0
CPF 0603 8R06 0.1% 25PPM 1K RL



TE Part #6-1879223-2
CPF 0603 1K07 0.1% 25PPM 1K RL



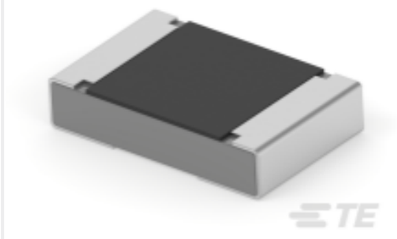
TE Part #5-1879224-8
CPF 0603 12K7 0.1% 25PPM 1K RL



TE Part #2-1879261-0
RP 2B 6K81 0.1% 15PPM 1K RL



TE Part #2-1879352-8
RR02 5% 4R3 AMMO



TE Part #6-2176478-2
RA73F 2A 25K5 0.1% 1K RL



TE Part #6-1625867-2
RP 1J 0.166W 26R7 0.1% 25PPM 1K RL

Documents

Product Drawings

RN 0603 590R 0.1% 10PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1676970-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1676970-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1676970-7_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