

RN73C1J523RBTG

✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1-1614354-2

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

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Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 523 Ω
Resistor Type: Precision Resistor
Element Type: Thin Film
Package Size Code: 0603
Power Rating: .063 W

Features

Product Type Features

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

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	50 V
Resistance Value	523 Ω
Power Rating	.063 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	.45 mm[.018 in]
Product Length	1.55 mm[.061 in]



Product Width	.8 mm[.031 in]
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Usage Conditions

Temperature Coefficient	±10 ppm/°C
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Industry Standards

Moisture Sensitivity Level	1
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Packaging Features

Packaging Method	Cut Tape Length
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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

RN73C1J523RBTG

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



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

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

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

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

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

Customers Also Bought

TE Part #1-1879138-2
RN 0603 2K05 0.1% 10PPM 5K RL

TE Part #280377-2
2P MODU II SHRD HDR,RT ANG, 0.38 AU

TE Part #CAT-M5833-M2934
Male-on-Board Connector, Micro-MaTch

TE Part #5-1614353-0
RN 0603 3K01 0.1% 10PPM CUT LENGTH

TE Part #8-215460-4
MICR-MATCH FSID P

TE Part #2-1445055-3
MICRO MNL HDR ASSY S/ROW LF

TE Part #3-1624113-5
3650 0805 27nH 5% 2K RL

TE Part #5-2176330-9
CRGP 2010 680K 1%



Documents

Product Drawings

[RN 0603 523R 0.1% 10PPM CUT LENGTH](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1614354-2_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1614354-2_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1614354-2_BA.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