

RN73C1J100RBTD

✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 8-1879136-6

Precision Resistor, Thin Film, 0603, .063 W, 100 Ω , .1 %, ± 10 ppm/ $^{\circ}$ C, Solder, 2 Termination, Height .018 in [.45 mm], Holsworthy RN73

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 0603

Power Rating: .063 W

Resistance Value: 100 Ω

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
Power Rating	.063 W
Resistance Value	100 Ω
Resistance Class	Up to 1k Ω
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/ $^{\circ}\text{C}$
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

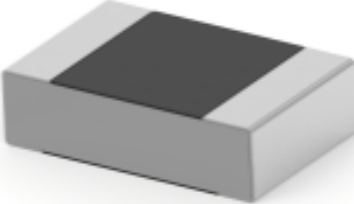
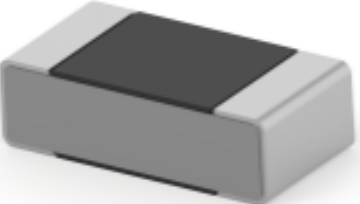
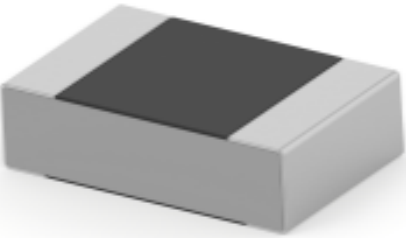
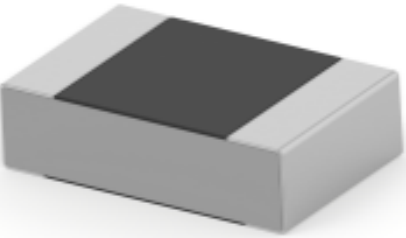
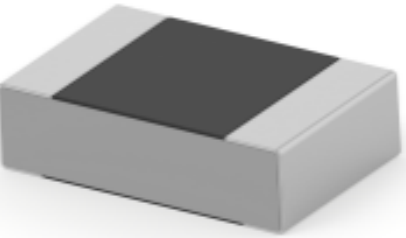
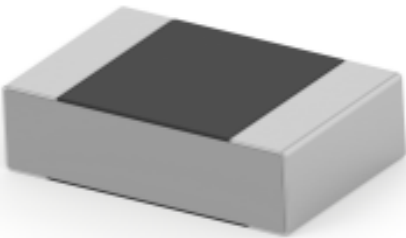
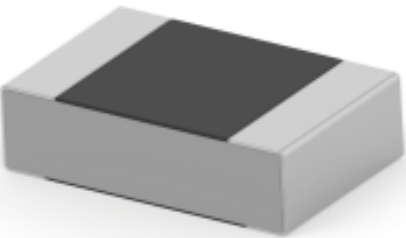
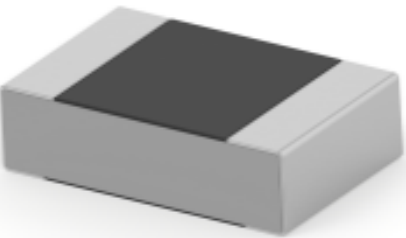
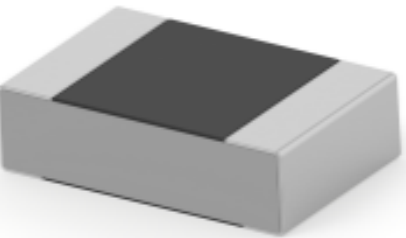
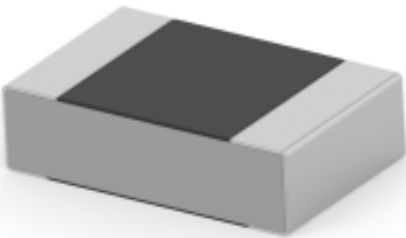
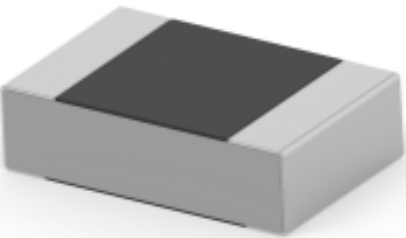
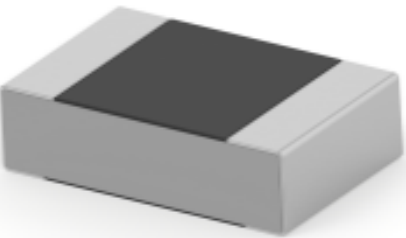
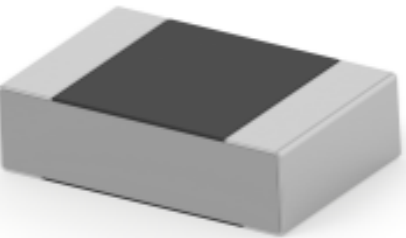
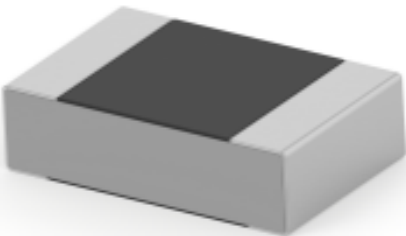
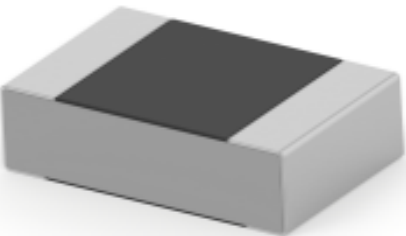
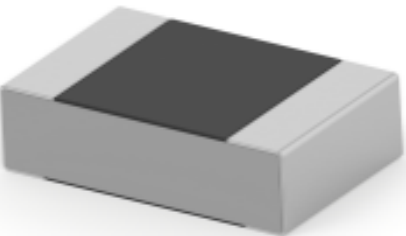
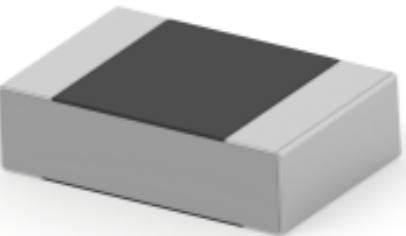
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

RN73C1J100RBDT

Precision Resistor, Thin Film, 0603, .063 W, 100 Ω , .1 %, ± 10 ppm/ $^{\circ}$ C, Solder, 2 Termination, Height .018 in [.45 mm], Holsworthy RN73



 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	 TE Part # 8-1879136-7 RN 0603 102R 0.1% 10PPM 5K RL	 TE Part # 8-1879136-8 RN 0603 105R 0.1% 10PPM 5K RL	 TE Part # 8-1879136-9 RN 0603 107R 0.1% 10PPM 5K RL
 TE Part # 9-1879136-0 RN 0603 110R 0.1% 10PPM 5K RL	 TE Part # 9-1879136-1 RN 0603 113R 0.1% 10PPM 5K RL	 TE Part # 9-1879136-2 RN 0603 115R 0.1% 10PPM 5K RL	 TE Part # 9-1879136-3 RN 0603 118R 0.1% 10PPM 5K RL
 TE Part # 9-1879136-4 RN 0603 121R 0.1% 10PPM 5K RL	 TE Part # 9-1879136-5 RN 0603 124R 0.1% 10PPM 5K RL	 TE Part # 9-1879136-6 RN 0603 127R 0.1% 10PPM 5K RL	 TE Part # 9-1879136-7 RN 0603 130R 0.1% 10PPM 5K RL
 TE Part # 9-1879136-8 RN 0603 133R 0.1% 10PPM 5K RL	 TE Part # 9-1879136-9 RN 0603 137R 0.1% 10PPM 5K RL	 TE Part # 1879136-2 RN 0603 13R3 0.1% 10PPM 5K RL	 TE Part # 1879136-3 RN 0603 13R7 0.1% 10PPM 5K RL

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

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Surface Mount Resistors(3788)

Customers Also Bought

TE Part # 1473005-1
SEMI HARD TRAY DDR SOCKET 200P

TE Part # 1-1571983-0
GDH08S04=DIP SWITCH

TE Part # MS580301BA01-00
MS5803-01BA01 PRESSURE SENSOR TUBE

TE Part # 5145299-2
SIM/SAM RECPT,6 POS,SMT

TE Part # 5-104363-3
04 MTE HDR SRST LATCH .100CL

TE Part # 1734035-3
MINI USB, TYPE B, R/A, SMT

Documents

Product Drawings

RN 0603 100R 0.1% 10PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1879136-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1879136-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1879136-6_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

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[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