

RN73C1J6R81BTD

✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 7-1879135-4

Precision Resistor, Thin Film, 0603, .063 W, 6.81 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: **6.81 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	6.81 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: 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 $^{\circ}\text{C}$

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

RN73C1J6R81BTD

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TE Part # 7-1879135-5
RN 0603 6R98 0.1% 10PPM 5K RL

TE Part # 7-1879135-3
RN 0603 6R65 0.1% 10PPM 5K RL

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

[Surface Mount Resistors\(3788\)](#)

Customers Also Bought

TE Part #2-1625867-7
RP 1J 0.166W 11R5 0.1% 25PPM 1K RL

TE Part #6-1879135-6
RN 0603 5R62 0.1% 10PPM 5K RL

TE Part #8-1879135-2
RN 0603 8R25 0.1% 10PPM 5K RL

TE Part #7-2176371-6
RQ 0603 28K 0.1% 10PPM 5K RL

TE Part #2176369-8
RQ 0603 47R5 0.1% 10PPM 5K RL

TE Part #1-2176369-9
RQ 0603 61R9 0.1% 10PPM 5K RL

TE Part #3-2176369-7
RQ 0603 95R3 0.1% 10PPM 5K RL

TE Part #8-2176577-9
RLC73K 2B R464 1% 5K RL

TE Part #3-2176376-3
RQ 0805 26K7 0.1% 10PPM 1K RL

TE Part #7-2176376-8
RQ 0805 78K7 0.1% 10PPM 1K RL



Documents

Product Drawings

[RN 0603 6R81 0.1% 10PPM 5K RL](#)

English

Datasheets & Catalog Pages

[High Precision Resistors \(SMD\) - Type RN73 Series - Tyco Electronics Passives](#)

English