



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Package Size Code: **0402**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **.1 %**

Features

Product Type Features

Resistor Type	Precision Resistor
Package Size Code	0402
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	25 V
Passive Component Tolerance	.1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	18.2K Ω
Power Rating	.063 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder



Dimensions

Product Height	.3 mm[.012 in]
Product Length	1 mm[.039 in]
Product Width	.5 mm[.02 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 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

RN73C1E18K2BTD

18.2K Ω , Thin Film, Precision Resistor, .1 %, 2 Termination, 0402, Taped & Reeled, .063 W, ± 10 ppm/ $^{\circ}\text{C}$, Solder, Height .012 in [.3 mm], Holsworthy RN73



TE Part # 8-1879132-6
RN 0402 17K4 0.1% 10PPM 5K RL

TE Part # 8-1879132-9
RN 0402 18K7 0.1% 10PPM 5K RL

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

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

Customers Also Bought

TE Part #130517
PIDG 22-16 SPADE M4

TE Part #8-1879131-7
RN 0402 11K5 0.1% 10PPM 5K RL

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

TE Part #9-1879333-0
CPF0402 180K 0.1% 25PPM 5K RL

TE Part #7-1879128-8
RN 0402 1K0 0.1% 10PPM 5K RL

TE Part #6-1879129-6
RN 0402 2K0 0.1% 10PPM 5K RL

TE Part #5-520183-2
ULTRA-FAST 250 ASY REC 22-18 AWG TPBR

TE Part #3-2176263-1
RN 0402 49K9 0.1% 10PPM 5K RL

TE Part #8-1879140-8
RN 0603 150K 0.1% 10PPM 5K RL

TE Part #CONSMA001-C-G
SMA Jack 50 Ohm PCB Through Hole



Documents

Product Drawings

[RN 0402 18K2 0.1% 10PPM 5K RL](#)

English

Datasheets & Catalog Pages

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

English