



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.063 W**

Resistance Value: **6.04K Ω**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	25 V
Power Rating	.063 W
Resistance Value	6.04K Ω
Resistance Class	1k Ω - 1M Ω
Passive Component Tolerance	.1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

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: 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

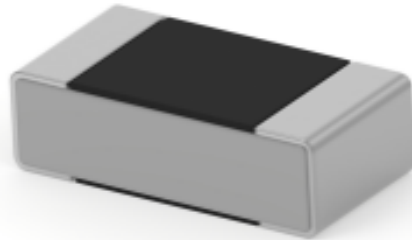
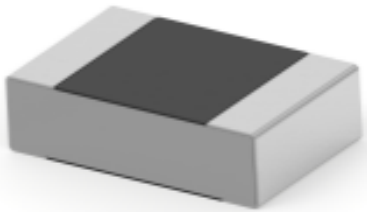
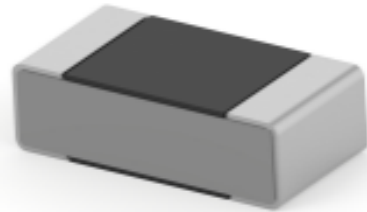
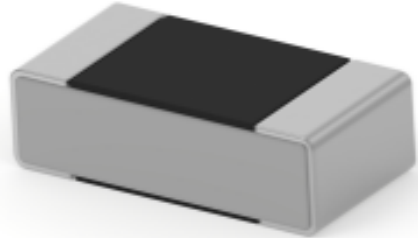
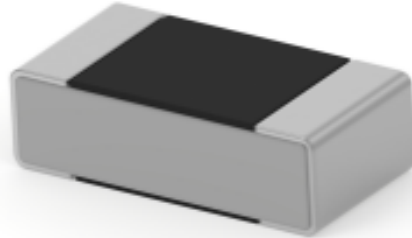
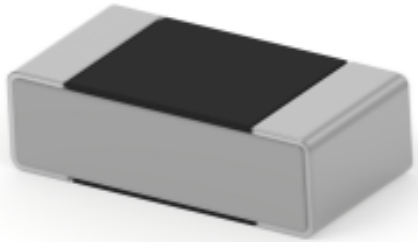
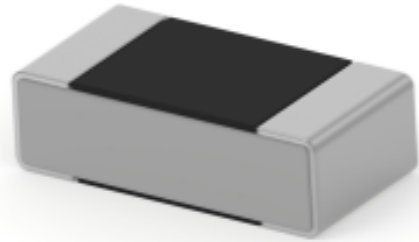
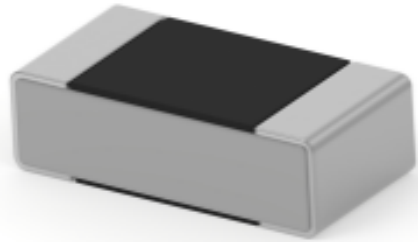
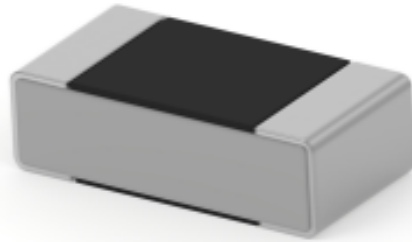
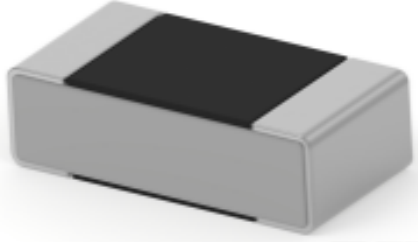
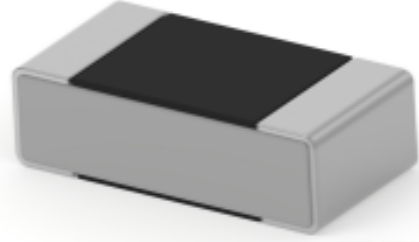
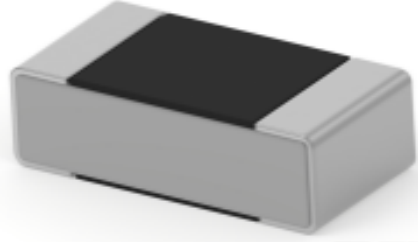
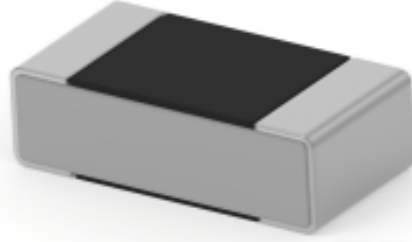
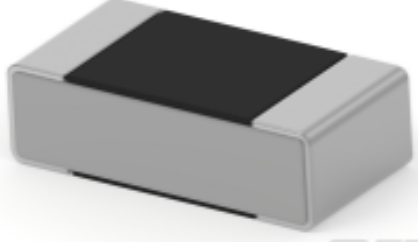
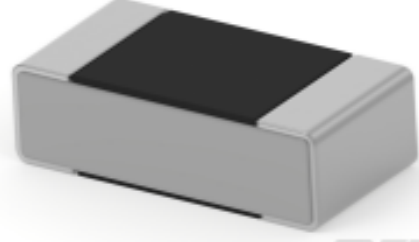
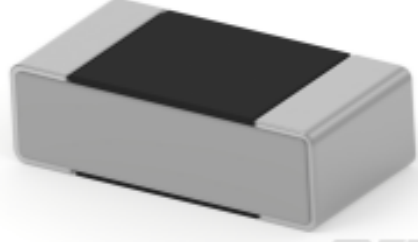
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

RN73C1E6K04BTD

Precision Resistor, Thin Film, 0402, .063 W, 6.04K Ω , .1 %, ± 10 ppm/ $^{\circ}\text{C}$, Solder, 2 Termination, Height .012 in [.3 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 # 6-1879131-3 RN 0402 9K53 0.1% 10PPM 5K RL
 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 # 1-1879131-2 RN 0402 6K34 0.1% 10PPM 5K RL	 TE Part # 1-1879131-5 RN 0402 6K49 0.1% 10PPM 5K RL
 TE Part # 1-1879131-8 RN 0402 6K65 0.1% 10PPM 5K RL	 TE Part # 2-1879131-1 RN 0402 6K81 0.1% 10PPM 5K RL	 TE Part # 2-1879131-7 RN 0402 7K15 0.1% 10PPM 5K RL	 TE Part # 3-1879131-0 RN 0402 7K32 0.1% 10PPM 5K RL
 TE Part # 3-1879131-6 RN 0402 7K68 0.1% 10PPM 5K RL	 TE Part # 3-1879131-9 RN 0402 7K87 0.1% 10PPM 5K RL	 TE Part # 4-1879131-5 RN 0402 8K25 0.1% 10PPM 5K RL	 TE Part # 5-1879131-1 RN 0402 8K66 0.1% 10PPM 5K RL
 TE Part # 5-1879131-4 RN 0402 8K87 0.1% 10PPM 5K RL	 TE Part # 5-1879131-7 RN 0402 9K09 0.1% 10PPM 5K RL	 TE Part # 6-1879131-0 RN 0402 9K31 0.1% 10PPM 5K RL	

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



Surface Mount Resistors(3788)

Customers Also Bought



TE Part # 2-2176070-8
3521 130R 1% 2W



TE Part # 680106-000
D-609-05



TE Part # 1879208-7
CPF 0402 18R 0.1% 25PPM 1K RL



TE Part # 9-1879061-8
CPF0402 110K 0.1% 25PPM 5K RL



TE Part # 4-2176364-6
RQ 0402 13K7 0.1% 10PPM 5K RL



TE Part # 6-2176364-5
RQ 0402 21K5 0.1% 10PPM 5K RL



TE Part # 6-2176364-7
RQ 0402 22K6 0.1% 10PPM 5K RL



TE Part # 7-2176364-0
RQ 0402 24K3 0.1% 10PPM 5K RL



TE Part # NB19382001
RNF-100-1/8-YO-STK



TE Part # 1857376-1
REMOVAL TOOL- RAPIDLOCK

Documents

Product Drawings

RN 0402 6K04 0.1% 10PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1879131-6_BA.2d_dxf.zip

RN73C1E6K04BTD

Precision Resistor, Thin Film, 0402, .063 W, 6.04K Ω , .1 %, ± 10 ppm/ $^{\circ}$ C, Solder, 2 Termination, Height .012 in [.3 mm], Holsworthy RN73



English

Customer View Model

[ENG_CVM_CVM_1879131-6_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1879131-6_BA.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

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

English