



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.15 W**

Resistance Value: **5.49K Ω**

Features

Product Type Features

Shelf Life	2 Years
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	75 V
Power Rating	.15 W
Resistance Value	5.49K Ω
Resistance Class	1k Ω – 1M Ω
Passive Component Tolerance	.1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
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Number of Terminations	2
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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/°C
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Industry Standards

Moisture Sensitivity Level	1
ESD HBM Classification	0
Industry Standard	AEC-Q200 Compliant

Packaging Features

Packaging Method	Taped & Reeled
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Other

Passive Component Comment	Shelf Life Based on Date of Manufacture
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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 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°C

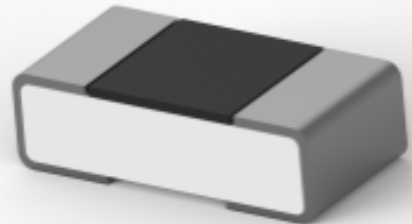
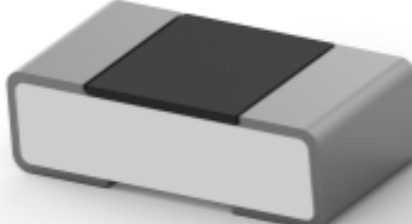
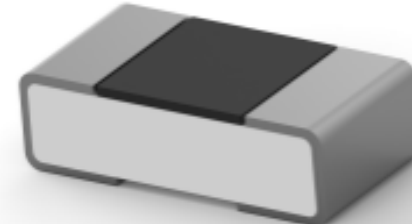
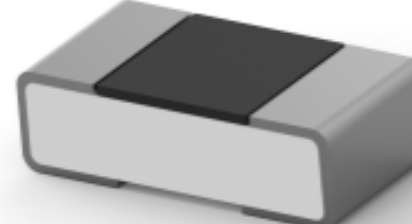
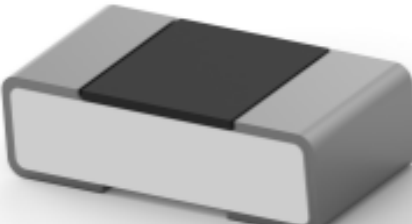
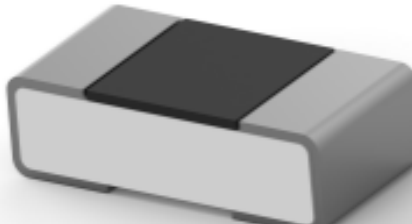
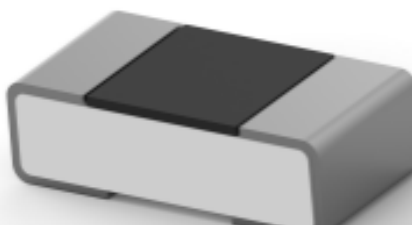
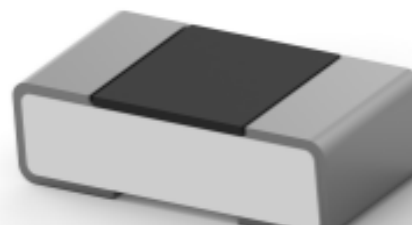
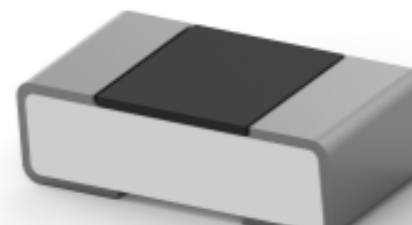
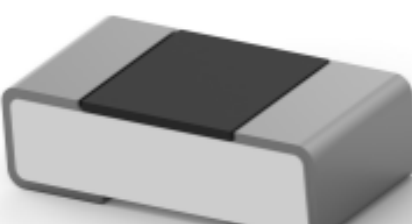
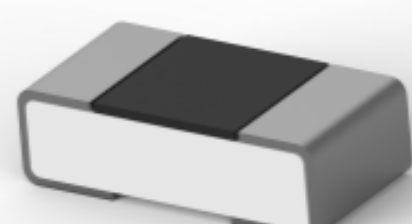
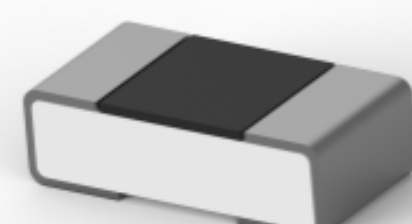
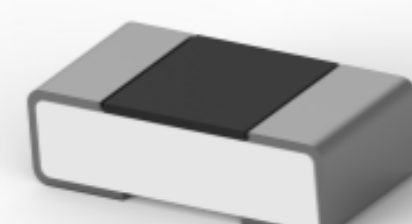
Product Compliance Disclaimer

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

 TE Part # 3-2176362-9 RQ 0402 100R 0.1% 10PPM 5K RL	 TE Part # 3-2176364-4 RQ 0402 10K2 0.1% 10PPM 5K RL	 TE Part # 3-2176361-4 RQ 0402 10K2 0.1% 10PPM 1K RL	 TE Part # 3-2176364-5 RQ 0402 10K5 0.1% 10PPM 5K RL
 TE Part # 3-2176364-6 RQ 0402 10K7 0.1% 10PPM 5K RL	 TE Part # 3-2176364-3 RQ 0402 10K 0.1% 10PPM 5K RL	 TE Part # 4-2176362-3 RQ 0402 110R 0.1% 10PPM 5K RL	 TE Part # 4-2176362-4 RQ 0402 113R 0.1% 10PPM 5K RL
 TE Part # 4-2176362-5 RQ 0402 115R 0.1% 10PPM 5K RL	 TE Part # 3-2176364-8 RQ 0402 11K3 0.1% 10PPM 5K RL	 TE Part # 3-2176364-9 RQ 0402 11K5 0.1% 10PPM 5K RL	 TE Part # 4-2176364-0 RQ 0402 11K8 0.1% 10PPM 5K RL
 TE Part # 3-2176364-7 RQ 0402 11K 0.1% 10PPM 5K RL	 TE Part # 4-2176362-7 RQ 0402 121R 0.1% 10PPM 5K RL	 TE Part # 4-2176362-8 RQ 0402 124R 0.1% 10PPM 5K RL	 TE Part # 4-2176362-9 RQ 0402 127R 0.1% 10PPM 5K RL

RQ73C1J5K49BTD

Precision Resistor, Thin Film, 0603, .15 W, 5.49K ohm, .1 %, ±10 ppm/°C, Solder, 2 Termination, Height .45 mm [.018 in], Holsworthy RQ73



TE Part # 4-2176364-1
RQ 0402 12K1 0.1% 10PPM 5K RL

TE Part # 4-2176364-3
RQ 0402 12K7 0.1% 10PPM 5K RL

TE Part # 5-2176362-0
RQ 0402 130R 0.1% 10PPM 5K RL

TE Part # 5-2176362-1
RQ 0402 133R 0.1% 10PPM 5K RL

Also in the Series | Holsworthy RQ73

Surface Mount Resistors(1954)

Customers Also Bought

TE Part #4-2176371-4
RQ 0603 13K 0.1% 10PPM 5K RL

TE Part #7-2176370-0
RQ 0603 2K26 0.1% 10PPM 5K RL

TE Part #2176455-9
CPF 0402 5R11 0.1% 25ppm 1K RL

TE Part #2-2176370-3
RQ 0603 732R 0.1% 10PPM 5K RL

TE Part #2319848-8
END STACK DIP 8P G RECESS TUBE

TE Part #3-2176371-8
RQ 0603 11K3 0.1% 10PPM 5K RL

TE Part #6-2176369-9
RQ 0603 205R 0.1% 10PPM 5K RL

TE Part #4-2176378-9
RQ 0805 31R6 0.1% 10PPM 5K RL

TE Part #6-2176378-5
RQ 0805 46R4 0.1% 10PPM 5K RL



Documents

Product Drawings

[RQ 0603 5K49 0.1% 10PPM 5K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2176371-8_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176371-8_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176371-8_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SMD Thin Film Precision Resistors - AEC-Q200 Compliant - Type RQ73 Series](#)

English