



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 0603

Power Rating: .15 W

Resistance Value: 56.2K 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	56.2K Ω
Resistance Class	1kΩ – 1MΩ
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

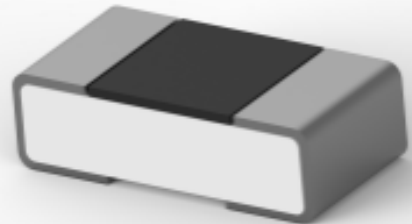
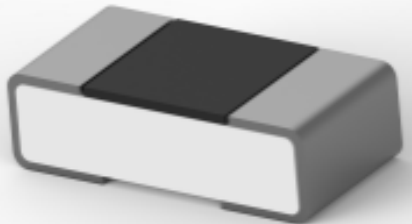
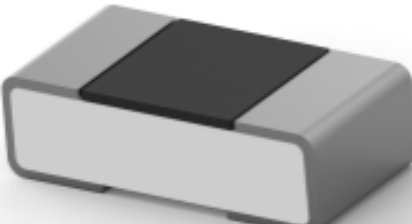
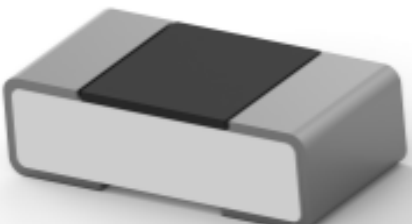
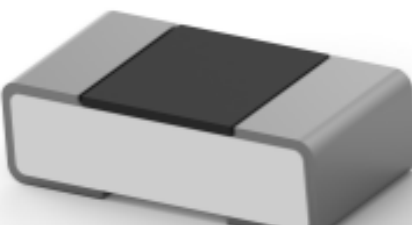
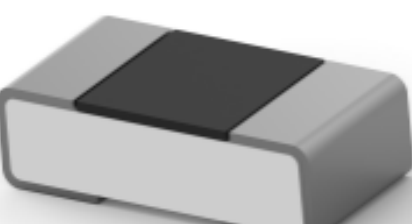
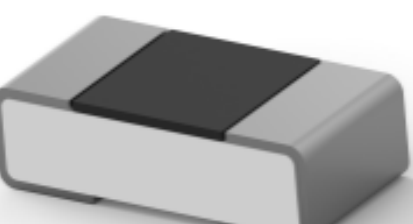
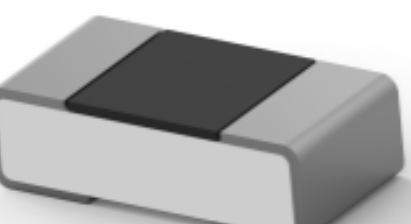
Product Compliance Disclaimer

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 # 4-2176362-0 RQ 0402 102R 0.1% 10PPM 5K RL	 TE Part # 4-2176362-1 RQ 0402 105R 0.1% 10PPM 5K RL	 TE Part # 4-2176362-2 RQ 0402 107R 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 # 4-2176362-6 RQ 0402 118R 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

RQ73C1J56K2BTD

Precision Resistor, Thin Film, 0603, .15 W, 56.2K ohm, .1 %, ±10 ppm/°C, Solder, 2 Termination, Height .45 mm [.018 in], Holsworthy RQ73



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

Also in the Series | Holsworthy RQ73

Surface Mount Resistors(3078)

Customers Also Bought

TE Part #52963-5
TERMINAL,PG SPR SPD 12-10 10

TE Part #4-2176094-0
RP 2A 0.25W 309K 0.1% 25PPM 1K RL

TE Part #1-2176093-2
RP 2A 0.25W 12K1 0.1% 25PPM 1K RL

TE Part #2-1761679-3
IDC LOW PRO HDR 10P VERT BLUE

TE Part #2029150-4
4P R/A HDR VAL-U-LOK V2 W/P

TE Part #4-2176094-1
RP 2A 0.25W 316K 0.1% 25PPM 1K RL

TE Part #8-2176093-3
RP 2A 0.25W 75K 0.1% 25PPM 1K RL

TE Part #4-2176326-2
CRGP 0603 27K 1%

TE Part #382811-2
SHUNT, ECON, PHBR15 AU, BLUE



Documents

Product Drawings

RQ 0603 56K2 0.1% 10PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176372-6_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176372-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176372-6_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