



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**  
Element Type: **Thin Film**  
Package Size Code: **0603**  
Power Rating: **.166 W**  
Resistance Value: **5.49K  $\Omega$**

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 |
|---------------------|---|

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Operating Voltage           | 75 V                      |
| Power Rating                | .166 W                    |
| Resistance Value            | 5.49K $\Omega$            |
| Resistance Class            | 1k $\Omega$ – 1M $\Omega$ |
| 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

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 155 °C[-67 – 311 °F] |
| Temperature Coefficient     | ±10 ppm/°C                 |

Industry Standards

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

Packaging Features

|                  |                |
|------------------|----------------|
| Packaging Method | Taped & Reeled |
|------------------|----------------|

Other

|                           |                                         |
|---------------------------|-----------------------------------------|
| Passive Component Comment | Shelf Life Based on Date of Manufacture |
|---------------------------|-----------------------------------------|

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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                |
| Solder Process Capability                     | Reflow solder capable to 260°C                                                                                                  |

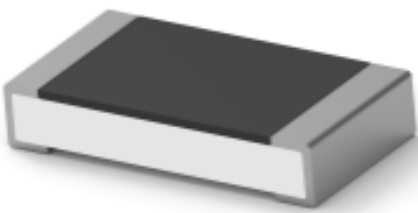
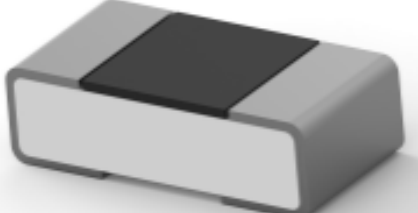
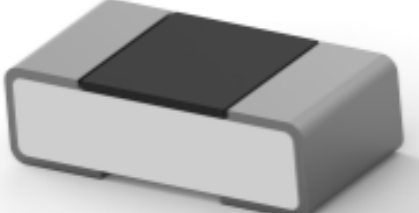
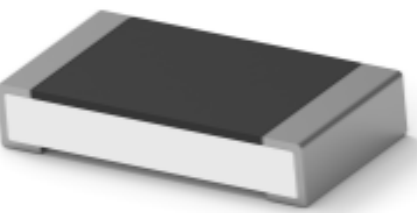
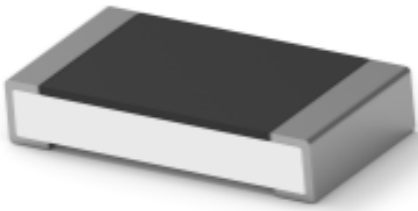
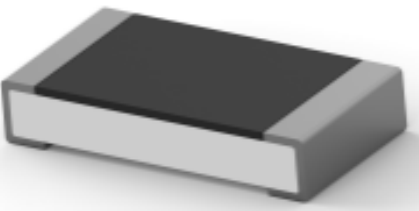
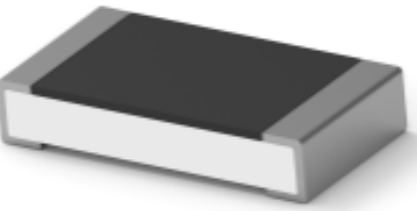
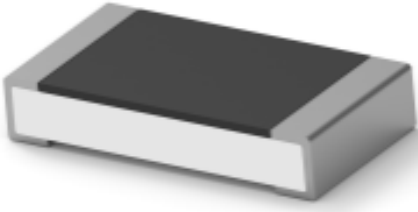
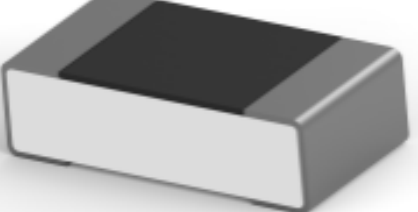
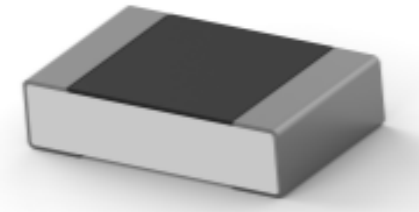
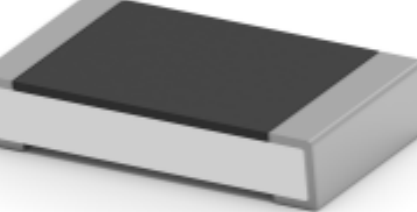
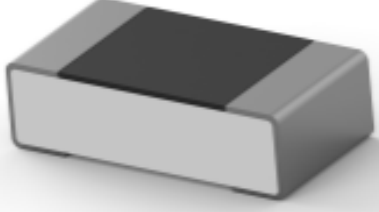
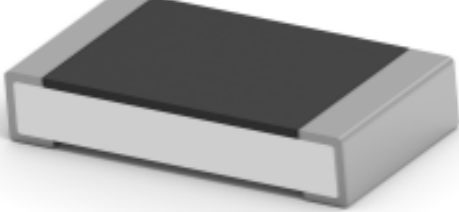
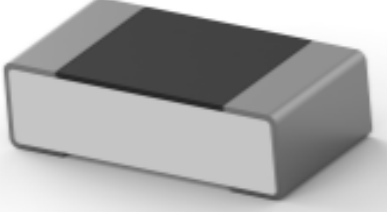
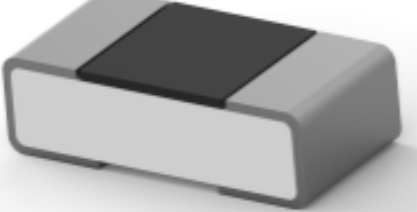
Product Compliance Disclaimer

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

|                                                                                                                                                               |                                                                                                                                                               |                                                                                                                                                                |                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 6-2176387-8<br><a href="#">RQ 1206 665K 0.1% 10PPM 1K RL</a>  | <br>TE Part # 4-2176360-3<br><a href="#">RQ 0402 1K18 0.1% 10PPM 1K RL</a>  | <br>TE Part # 8-2176360-3<br><a href="#">RQ 0402 3K09 0.1% 10PPM 1K RL</a> | <br>TE Part # 5-2176384-0<br><a href="#">RQ 1206 348R 0.1% 10PPM 1K RL</a>  |
| <br>TE Part # 7-2176386-0<br><a href="#">RQ 1206 64K9 0.1% 10PPM 1K RL</a> | <br>TE Part # 9-2176360-0<br><a href="#">RQ 0402 3K65 0.1% 10PPM 1K RL</a> | <br>TE Part # 5-2176383-2<br><a href="#">RQ 1206 34R 0.1% 10PPM 1K RL</a> | <br>TE Part # 2-2176386-8<br><a href="#">RQ 1206 23K7 0.1% 10PPM 1K RL</a> |
| <br>TE Part # 2176387-2<br><a href="#">RQ 1206 137K 0.1% 10PPM 1K RL</a>   | <br>TE Part # 2-2176368-8<br><a href="#">RQ 0603 95K3 0.1% 10PPM 1K RL</a> | <br>TE Part # 2176374-3<br><a href="#">RQ 0805 113R 0.1% 10PPM 1K RL</a>  | <br>TE Part # 2176390-7<br><a href="#">RQ 1206 1K33 0.1% 10PPM 5K RL</a>   |
| <br>TE Part # 2-2176369-5<br><a href="#">RQ 0603 71R5 0.1% 10PPM 5K RL</a> | <br>TE Part # 2-2176390-6<br><a href="#">RQ 1206 2K1 0.1% 10PPM 5K RL</a>  | <br>TE Part # 1-2176369-7<br><a href="#">RQ 0603 59R 0.1% 10PPM 5K RL</a> | <br>TE Part # 1-2176360-3<br><a href="#">RQ 0402 576R 0.1% 10PPM 1K RL</a> |

RQ73C1J5K49BTD

5.49K ohm, Thin Film, Precision Resistor, .1 %, 0603, .166 W, ±10 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, Holsworthy RQ73



TE Part # 1-2176373-0  
[RQ 0805 12R4 0.1% 10PPM 1K RL](#)

TE Part # 1-2176380-2  
[RQ 0805 1K5 0.1% 10PPM 5K RL](#)

TE Part # 1-2176373-4  
[RQ 0805 13R7 0.1% 10PPM 1K RL](#)

TE Part # 1-2176376-9  
[RQ 0805 19K1 0.1% 10PPM 1K RL](#)

Also in the Series | [Holsworthy RQ73](#)

[Surface Mount Resistors\(1954\)](#)

Customers Also Bought

TE Part #RXM-GPS-FM-T  
[Module FM L1 GPS RX RCVR T&R](#)

TE Part #1-1478762-5  
[METAL BACKSHELL 15 WAY TOP E](#)

TE Part #1-2176370-7  
[RQ 0603 634R 0.1% 10PPM 5K RL](#)

TE Part #3-2176370-9  
[RQ 0603 1K07 0.1% 10PPM 5K RL](#)

TE Part #9-2176370-7  
[RQ 0603 4K32 0.1% 10PPM 5K RL](#)

TE Part #2176371-5  
[RQ 0603 5K11 0.1% 10PPM 5K RL](#)

TE Part #8-2176388-1  
[RQ 1206 68R1 0.1% 10PPM 5K RL](#)

TE Part #6-2176389-0  
[RQ 1206 442R 0.1% 10PPM 5K RL](#)

TE Part #2176400-3  
[3540 1R2 1%](#)

TE Part #5536052-5  
[ASSY,PIN,EUROCARD,TYPE B,LEAD-](#)



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