# RQ73C2A49R9BTDF ✔ ACTIVE

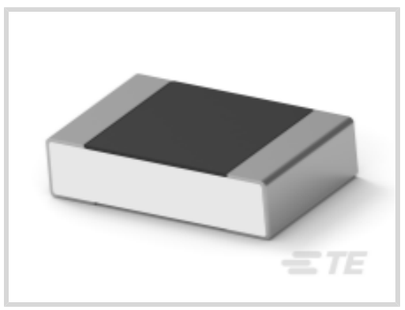
Holsworthy | Holsworthy RQ73

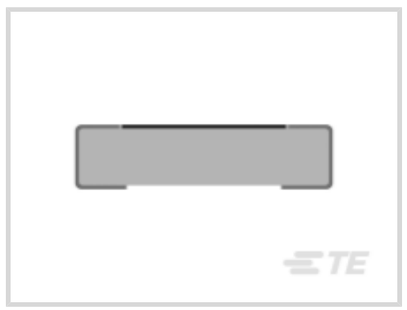
TE Internal #: 6-2176373-8

Precision Resistor, Thin Film, 0805, .2 W, 49.9 Ω, .1 %, ±10 ppm/°C, Solder, 2 Termination, Height .022 in [.55 mm], Holsworthy RQ73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors




Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0805**

Power Rating: **.2 W**

Resistance Value: **49.9 Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Precision Resistor |
| Element Type | Thin Film |
| Package Size Code | 0805 |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 100 V |
| Power Rating | .2 W |
| Resistance Value | 49.9 Ω |
| Resistance Class | Up to 1kΩ |
| Passive Component Tolerance | .1 % |

### Termination Features

| | |
|---|---|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations | 2 |

## Dimensions

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|---|---|
| Product Height | .55 mm[.022 in] |
| Product Length | 2 mm[.079 in] |
| Product Width | 1.25 mm[.049 in] |

## Usage Conditions

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|---|---|
| Temperature Coefficient | ±10 ppm/°C |

## Packaging Features

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

## Product Compliance

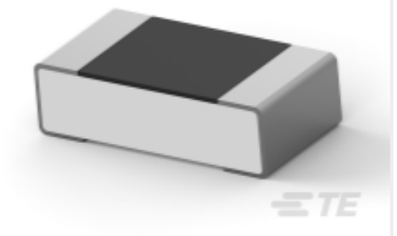
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Reflow solder capable to 260°C |

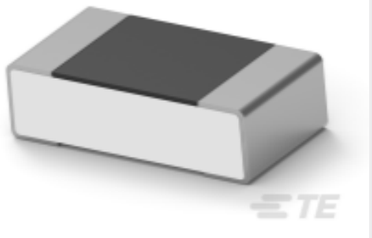
Product Compliance Disclaimer

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

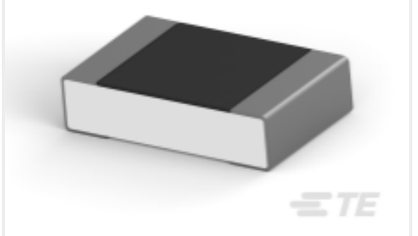
## Compatible Parts



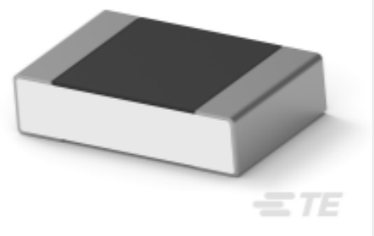
TE Part # 2176372-6
RQ 0603 56K2 0.1% 10PPM 5K RL



TE Part # 2176371-8
RQ 0603 5K49 0.1% 10PPM 5K RL



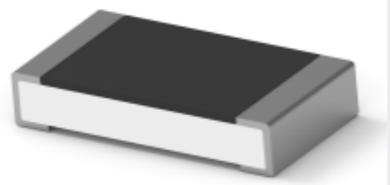
TE Part # 3-2176382-0
RQ 0805 267K 0.1% 10PPM 5K RL



TE Part # 6-2176378-8
RQ 0805 49R9 0.1% 10PPM 5K RL

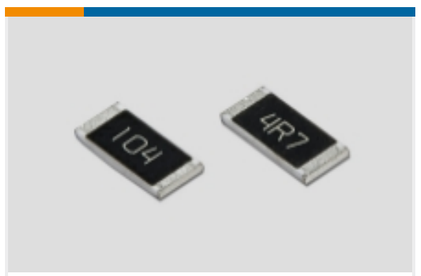


TE Part # 3-2176389-4
RQ 1206 237R 0.1% 10PPM 5K RL



TE Part # 4-2176391-2
RQ 1206 33K2 0.1% 10PPM 5K RL

## Also in the Series | Holsworthy RQ73




Surface Mount Resistors(3078)

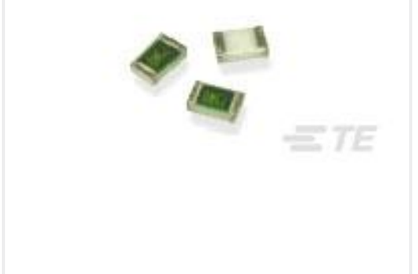
## Customers Also Bought



TE Part # 1676247-2
RN 0805 200R 0.1% 10PPM 1KRL



TE Part # 1676282-2
RN 0805 2K0 0.1% 10PPM 1KRL



TE Part # 1676352-2
RN 0805 499R 0.1% 10PPM 1KRL



TE Part # 1676364-2
RN 0805 511R 0.1% 10PPM 1KRL



TE Part # 1676666-2
RN 0805 20R 0.1% 10PPM 1K RL



TE Part # 4-1614890-9
CPF 0805 18R7 0.1% 25PPM 1K RL



TE Part # 2-1614883-9
CPF 0805 18R 0.1% 25PPM 5K RL



TE Part # 6-1614890-5
CPF 0805 28R 0.1% 25PPM 1K RL

# Documents

## Product Drawings

RQ 0805 49R9 0.1% 10PPM 1K RL

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_6-2176373-8_B.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_6-2176373-8_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_6-2176373-8_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

## Datasheets & Catalog Pages

SMD Thin Film Precision Resistors - AEC-Q200 Compliant - Type RQ73 Series

English