

RQ73C1J1K0BTDF ✓ ACTIVE



Holsworthy | Holsworthy RQ73

TE Internal #: 3-2176366-6

1.0K ohm, Surface Mount Precision Resistor, Thin Film, 0603, .15 W, .1 %, ±10 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, Holsworthy RQ73

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Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 1.0K Ω

Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.15 W**

Features

Industry Standards

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

Other

| | |
|---------------------------|---|
| Passive Component Comment | Shelf Life Based on Date of Manufacture |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

Product Type Features

| | |
|-------------------|--------------------|
| Shelf Life | 2 Years |
| Resistor Type | Precision Resistor |
| Element Type | Thin Film |
| Package Size Code | 0603 |

Electrical Characteristics

| | |
|-------------------|------|
| Operating Voltage | 75 V |
|-------------------|------|



| | |
|-----------------------------|---------------------------|
| Resistance Value | 1.0K Ω |
| Power Rating | .15 W |
| Resistance Class | 1k Ω – 1M Ω |
| Passive Component Tolerance | .1 % |

Configuration Features

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

| | |
|-------------------------|----------------------------|
| Temperature Coefficient | ± 10 ppm/ $^{\circ}$ 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Reflow solder capable to 260 $^{\circ}$ 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 # 2176371-8
RQ 0603 5K49 0.1% 10PPM 5K RL

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

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

TE Part # 3-2176370-6
RQ 0603 1K0 0.1% 10PPM 5K RL

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

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

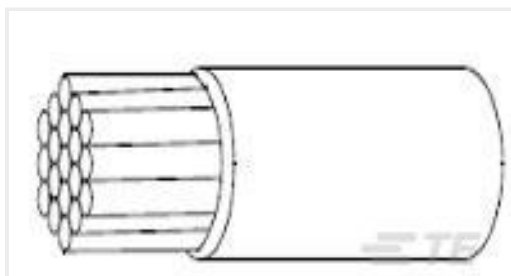
Also in the Series | [Holsworthy RQ73](#)

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

Customers Also Bought



TE Part #1-6450869-4
V/R 2ACP+1LP+32S+3HDP+1LP+1P



TE Part #216016-004
55A0111-16-9



TE Part #106066-2
SHLD MOD JACK LOW-PRO 8 POS



TE Part #1-2176529-9
3504G 3A 78R7 1% 1K RL



TE Part #2102735-1
BP, Half Left End, MULTIGIG RT 2R



TE Part #2102737-1
BP, Right End, MULTIGIG RT 2R



TE Part #2102736-1
BP, Center, MULTIGIG RT 2R



TE Part #2102772-1
DC, 7Row, Half Left End, MULTIGIG RT 2R



TE Part #2000676-9
Keyed Guide Pin, Machined, Multigig



TE Part #5-1437646-7
3PCV-08-006=3PCV-ASSY

Documents

Product Drawings

[RQ 0603 1K0 0.1% 10PPM 1K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-2176366-6_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2176366-6_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2176366-6_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

English