# RQ73C1E16K2BTD ✔ ACTIVE

Holsworthy | Holsworthy RQ73

TE Internal #: 5-2176364-3

16.2K ohm, Thin Film, Precision Resistor, .1 %, 0402, .0625 W, ±10 ppm/°C, Solder, 2 Terminations, .3 mm [.012 in] Height, Holsworthy RQ73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.0625 W**

Resistance Value: **16.2K Ω**

## Features

### Product Type Features

| | |
|---|---|
| Shelf Life | 2 Years |
| Resistor Type | Precision Resistor |
| Element Type | Thin Film |
| Package Size Code | 0402 |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 50 V |
| Power Rating | .0625 W |
| Resistance Value | 16.2K Ω |
| Resistance Class | 1kΩ – 1MΩ |
| Passive Component Tolerance | .1 % |

### Termination Features

| | |
|---|---|
| Surface Mount Resistor Termination Type | Solder |

| | |
|---|---|
| Number of Terminations | 2 |

### Dimensions

| | |
|---|---|
| Product Height | .3 mm[.012 in] |
| Product Length | 1 mm[.039 in] |
| Product Width | .5 mm[.02 in] |

### Usage Conditions

| | |
|---|---|
| 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>

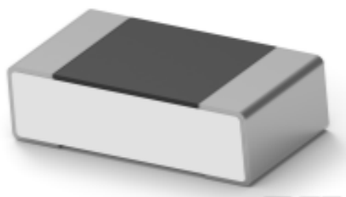
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List 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

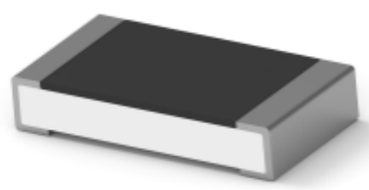
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



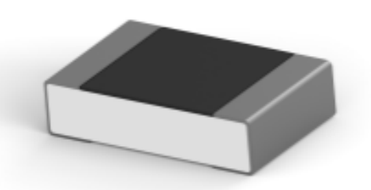
TE Part # 2176371-8
RQ 0603 5K49 0.1% 10PPM 5K RL



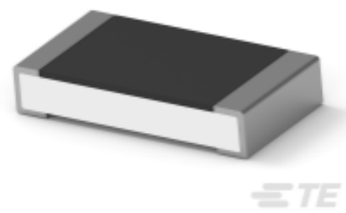
TE Part # 4-2176391-2
RQ 1206 33K2 0.1% 10PPM 5K RL



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

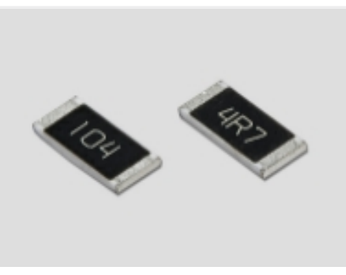


TE Part # 3-2176382-0
RQ 0805 267K 0.1% 10PPM 5K RL



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

## Also in the Series | Holsworthy RQ73

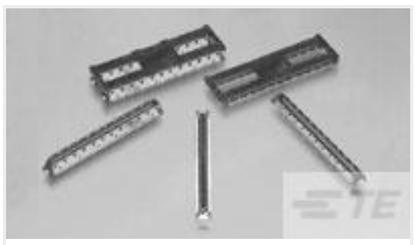



Surface Mount Resistors(1954)

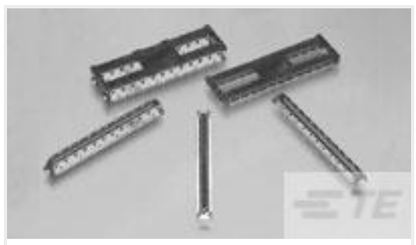
## Customers Also Bought



TE Part #7-1676481-0
CPF 0603 5K1 0.1% 25PPM 1K RL



TE Part #3-1827253-6
.5FHP05H,220,S,GIG,08/Sn,HT,NSYes



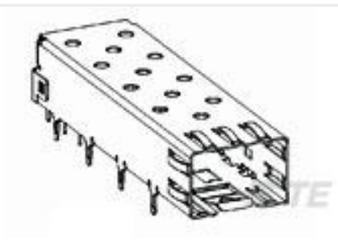
TE Part #3-1939755-6
.5FHR04H,220,S,GIG,30/Sn,HT,NS



TE Part #CAT-M2-C76264
M.2 Connectors



TE Part #1-2201197-0
0.4 STACKING CONN H0.98 REC ASSEMBLY



TE Part #2227302-1
CAGE ASSY, PRESS FIT, SFP



TE Part #2227303-1
CAGE ASSEMBLY, SFP, .140 SOLDE



TE Part #5-2301995-4
RJ45 JACK INT.MAG. 1GB LED 1X1 VERT.



TE Part #2309407-1
DDR4 SODIMM 260P 4.0H STD

## Documents

### Product Drawings

RQ 0402 16K2 0.1% 10PPM 5K RL

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2176364-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-2176364-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2176364-3_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