



Holsworthy | Holsworthy RQ73

TE Internal #: 3-2176370-7

1.02K ohm, Thin Film, Precision Resistor, .1 %, 0603, .166 W, ±10 ppm/°C, Solder, 2 Terminations, .45 mm [.018 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: **0603**

Power Rating: **.166 W**

Resistance Value: **1.02K 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	.166 W
Resistance Value	1.02K 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

Operating Temperature Range	-55 – 155 $^{\circ}$ C[-67 – 311 $^{\circ}$ F]
Temperature Coefficient	$\pm 10$ ppm/ $^{\circ}$ C

### Industry Standards

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

### 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	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) Candidate List Declared Against: JUNE 2025 (250) 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 $^{\circ}$ 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 # 3-2176366-7  
RQ 0603 1K02 0.1% 10PPM 1K RL



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



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



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

## Also in the Series | **Holsworthy RQ73**



Surface Mount Resistors(1954)

## Customers Also Bought



TE Part #2-34541-1  
PIDG SPD 22-16 COMM 22-18MIL 6



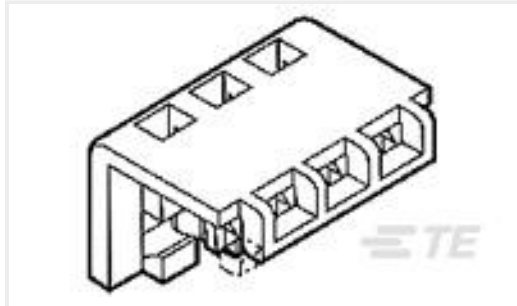
TE Part #5-103672-5  
06 MTE HDR SRRA LATCH W/HLDWN



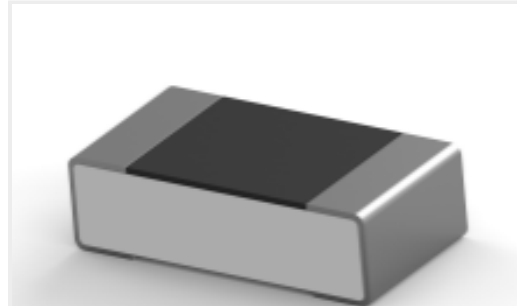
TE Part #640389-2  
02P MTA156 HDR ASSY SQ R/A F/L



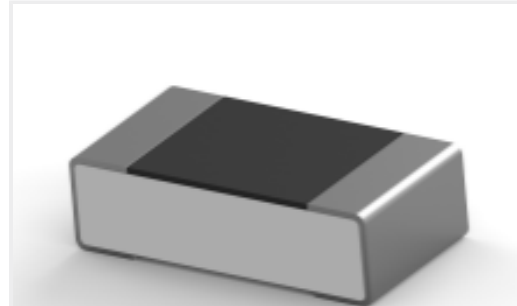
TE Part #3-640434-2  
02P MTA156 CONN ASSY 24AWG WHT



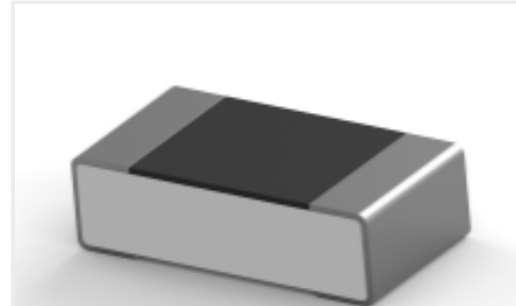
TE Part #643067-2  
02P MTA156 MOLDED COVER



TE Part #2176370-7  
RQ 0603 499R 0.1% 10PPM 5K RL



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



TE Part #6-2176370-5  
RQ 0603 2K0 0.1% 10PPM 5K RL



TE Part #8-2176370-6  
RQ 0603 3K32 0.1% 10PPM 5K RL



TE Part #2-5747708-0  
25 RCPT SP/FMS BRDLK

## Documents

### Product Drawings

[RQ 0603 1K02 0.1% 10PPM 5K RL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-2176370-7\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-2176370-7\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-2176370-7\\_B.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

RQ73C1J1K02BTD

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

English