

RQ73C2B523RBDT

✓ ACTIVE

Holsworthy | Holsworthy RQ73

TE Internal #: 6-2176389-7

523  $\Omega$ , Thin Film, Precision Resistor, .1 %, 2 Termination, 1206,  
Taped & Reeled, .4 W,  $\pm 10$  ppm/ $^{\circ}\text{C}$ , Solder, 3.1 x 1.55 x .55 mm,  
Holsworthy RQ73

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**  
Number of Terminations: **2**  
Package Size Code: **1206**  
Packaging Method: **Taped & Reeled**  
Passive Component Tolerance: **.1 %**

Features

Product Type Features

|                   |                    |
|-------------------|--------------------|
| Product Type      | Fixed Resistor     |
| Resistor Type     | Precision Resistor |
| Package Size Code | 1206               |
| Element Type      | Thin Film          |

Configuration Features

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

Electrical Characteristics

|                             |                   |
|-----------------------------|-------------------|
| Voltage Rating              | 200 V             |
| Passive Component Tolerance | .1 %              |
| Resistance Class            | Up to 1k $\Omega$ |
| Resistance Value            | 523 $\Omega$      |
| Power Rating                | .4 W              |

Termination Features

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



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

Dimensions

|                              |                     |
|------------------------------|---------------------|
| Passive Component Dimensions | 3.1 x 1.55 x .55 mm |
|------------------------------|---------------------|

Usage Conditions

|                         |            |
|-------------------------|------------|
| 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 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

RQ73C2B523RBTD

523 Ω, Thin Film, Precision Resistor, .1 %, 2 Termination, 1206, Taped & Reeled, .4 W, ±10 ppm/°C, Solder, 3.1 x 1.55 x .55 mm, Holsworthy RQ73



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 # 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 #2-1625984-5  
HSA50 1R2 5%

TE Part #1879022-7  
SMF3 560R 5%

TE Part #641969-1  
06P UMNL PIN HDR ASSY V2 NATL

TE Part #1-604771-0  
CABLE TIE, 4" BLACK, 100PK

TE Part #794120-1  
02P CMNL PC HDR ASSY RA

TE Part #6116202-1  
MJ,TE,8P,COMPL.PIN,CAT5,PC

TE Part #350539-1  
02P CMNL HDR ASSY SHORT NATL

TE Part #5227161-2  
RTANG JK W/MTG PINS, BNC PCB



Documents

Product Drawings

RQ 1206 523R 0.1% 10PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-2176389-7\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-2176389-7\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-2176389-7\_B.3d\_stp.zip

English

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

Datasheets & Catalog Pages

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

English