

RQ73C1E82R5BTD

✓ ACTIVE

Holsworthy | Holsworthy RQ73

TE Internal #: 3-2176362-1

82.5 ohm, Surface Mount Precision Resistor, Thin Film, 0402, .0625

W, .1 %, ±10 ppm/°C, Solder, 2 Terminations, Holsworthy RQ73

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Passive Components > Resistors > Surface Mount Resistors



Resistance Value: **82.5 Ω**

Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.0625 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	0402

Electrical Characteristics

Operating Voltage	50 V
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Resistance Value	82.5 Ω
Power Rating	.0625 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

Configuration Features

Number of Resistors	1
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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
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Packaging Features

Packaging Method	Taped & Reeled
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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	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	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



TE Part # 3-2176389-4
RQ 1206 237R 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



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

Also in the Series | Holsworthy RQ73



Surface Mount Resistors(1954)

Customers Also Bought



Documents

Product Drawings

[RQ 0402 82R5 0.1% 10PPM 5K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-2176362-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2176362-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2176362-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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82.5 ohm, Surface Mount Precision Resistor, Thin Film, 0402, .0625 W, .1 %, ± 10 ppm/ $^{\circ}$ C, Solder, 2 Terminations, Holsworthy RQ73



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

English