# RN73C2A6R65BTD ✔ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 6-1879160-3

6.65 ohm, Thin Film, Precision Resistor, .1 %, 0805, .1 W, ±10 ppm/° C, Solder, 2 Terminations, .55 mm [.022 in] Height, Holsworthy RN73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0805**

Power Rating: **.1 W**

Resistance Value: **6.65 Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Precision Resistor |
| Element Type | Thin Film |
| Package Size Code | 0805 |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 100 V |
| Power Rating | .1 W |
| Resistance Value | 6.65 Ω |
| Resistance Class | Up to 1kΩ |
| Passive Component Tolerance | .1 % |

### Termination Features

| | |
|---|---|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations | 2 |

## Dimensions

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|---|---|
| Product Height | .55 mm[.022 in] |
| Product Length | 2 mm[.079 in] |
| Product Width | 1.25 mm[.049 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 155 °C[-67 – 311 °F] |
| Temperature Coefficient | ±10 ppm/°C |

## Industry Standards

| | |
|---|---|
| Moisture Sensitivity Level | 1 |

## Packaging Features

| | |
|---|---|
| Packaging Method | Reel |

# 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)<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 # 7-1879160-0
RN 0805 7R15 0.1% 10PPM 1K RL



TE Part # 8-1879160-1
RN 0805 8R25 0.1% 10PPM 1K RL



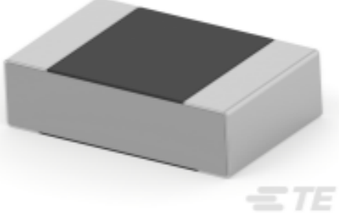
TE Part # 5-1879160-2
RN 0805 5R76 0.1% 10PPM 1K RL



TE Part # 4-1879160-6
RN 0805 5R36 0.1% 10PPM 1K RL

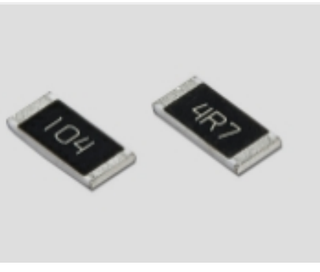


TE Part # 9-1879160-3
RN 0805 9R53 0.1% 10PPM 1K RL



TE Part # 7-1879160-1
RN 0805 7R32 0.1% 10PPM 5K RL

## Also in the Series | Holsworthy RN73



Surface Mount Resistors(3639)

## Documents

### Product Drawings

RN 0805 6R65 0.1% 10PPM 5K RL

English

### CAD Files

Customer View Model

ENG_CVM_CVM_6-1879160-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1879160-3_BA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

## ENG_CVM_CVM_6-1879160-3_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

### High Precision Resistors (SMD) - Type RN73 Series - Tyco Electronics Passives

English