# RN73C2A40K2BTDF ✔ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1676335-2

40.2K 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: **40.2K 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 | 40.2K Ω |
| Resistance Class | 1kΩ – 1MΩ |
| Passive Component Tolerance | .1 % |

### Termination Features

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

### Dimensions

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

| | |
|---|---|
| Product Width | 1.25 mm[.049 in] |

### Usage Conditions

| | |
|---|---|
| Temperature Coefficient | ±10 ppm/°C |

### Industry Standards

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

### 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 | Out of Scope |
| 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



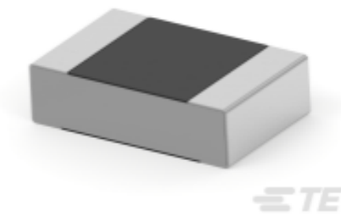

TE Part # 1676153-2
RN 0805 10K 0.1% 10PPM 1KRL



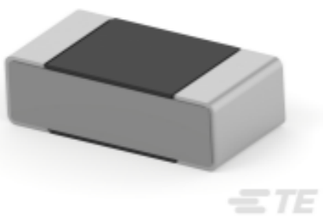

TE Part # 1676153-3
RN 0805 10K 0.1% 10PPM 5KRL




TE Part # 1614349-9
RN 0603 10K 0.1% 10PPM CUT LENGTH



TE Part # 1-1676142-3
RN 0805 100K 0.01% 10PPM 5K RL



TE Part # 8-1879130-4
RN 0402 5K11 0.1% 10PPM 5K RL

## Also in the Series | Holsworthy RN73




Surface Mount Resistors(3639)

## Customers Also Bought



TE Part #1SNA176672R0100
BJMI8-5



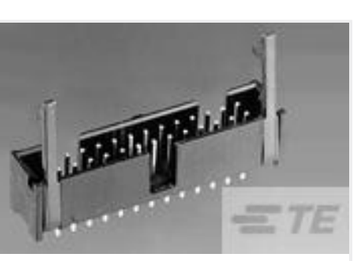
TE Part #1676188-2
RN 0805 147K 0.1% 10PPM 1KRL



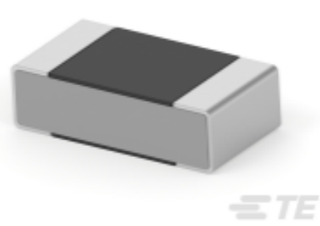
TE Part #1676377-2
RN 0805 56K2 0.1% 10PPM 1KRL



TE Part #1676399-2
RN 0805 63K4 0.1% 10PPM 1KRL



TE Part #1761609-7
IDC LOW PRO HDR 20P RA SHT LAT



TE Part #5-1879135-9
RN 0603 4R75 0.1% 10PPM 5K RL



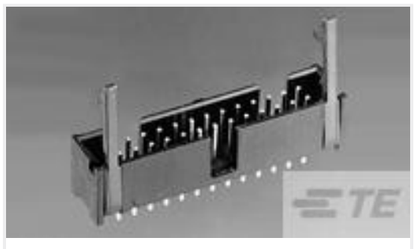
TE Part #7-1879160-2
RN 0805 7R32 0.1% 10PPM 1K RL



TE Part #2176091-4
RP 2A 0.25W 61R9 0.1% 25PPM 1K RL



TE Part #5745116-2
50 RCPT RA/MS STD



TE Part #1761609-9
IDC LOW PRO HDR 26P RA SHT LAT

## Documents

### Product Drawings

RN 0805 40K2 0.1% 10PPM 1KRL

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1676335-2_BC.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1676335-2_BC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1676335-2_BC.3d_stp.zip

English

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

### Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

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

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English