RN73C2A100KBTG ✔ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1676142-1

Precision Resistor, Thin Film, 0805, .1 W, 100K ohm, .1 %, ±10 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 in], 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: **100K 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	100K 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	Cut Tape Length

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



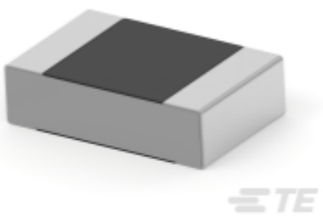
TE Part # 1614349-9
RN 0603 10K 0.1% 10PPM CUT LENGTH



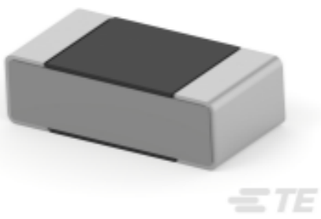
TE Part # 1676142-3
RN 0805 100K 0.1% 10PPM 5KRL



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



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(3788)

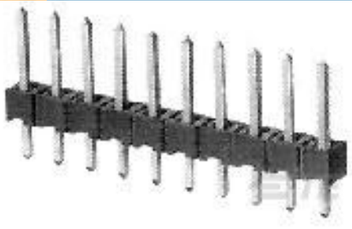
Customers Also Bought



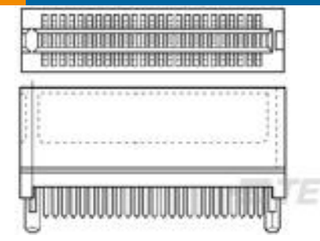
TE Part #2-644861-3
03P MTA100 SHRD HDR,W/O PEG SN



TE Part #1676282-1
RN 0805 2K0 0.1% 10PPM CUT LENGTH



TE Part #1-826629-0
10P AMPMODU II STIFT LEI



TE Part #5650719-1
STANDARD EDGE .050 SERIES 25 DUAL ASSY



TE Part #1676341-2
RN 0805 43K2 0.1% 10PPM 1KRL



TE Part #1-2176088-6
RP 1J 0.166W 1K07 0.1% 25PPM 1K RL



TE Part #7-2176088-7
RP 1J 0.166W 5K62 0.1% 25PPM 1K RL



TE Part #CV3267-000
RW-175-3/32-X-SP

Documents

Product Drawings

RN 0805 100K 0.1% 10PPM CUT LENGTH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1676142-1_BC.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1676142-1_BC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1676142-1_BC.3d_stp.zip

English

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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

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Global Electronic Components Distributor

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TE Connectivity:

141991-2 175977-2 1969656-1 2377783-2 ROX05SJ18R 1903112-2 2-292161-3 3-1393225-0 3430B2F51RTDF 3631B101LL CPF0402B37K4E1 SBCHE154R7K SBCHE64R7K MPT100C18RF 1-962915-1 2380312-2 CRGCQ2010J3K3 2310537-1 2834055-1 650075-000 917696-1 1-794222-0 SMW73R0JT TE50BR39J U5254-000005-030PA 1393431-1 1743455-2 936348-1 RH73H2A40MKTN 2005330-1