

RN73C1J8R25BTD

✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 8-1879135-2

Surface Mount Precision Resistor, Thin Film, 0603, .063 W, 8.25 ohm, .1 %, ±10 ppm/°C, Solder, 2 Terminations, Holsworthy RN73

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**  
Element Type: **Thin Film**  
Package Size Code: **0603**  
Power Rating: **.063 W**  
Resistance Value: **8.25 Ω**

Features

Industry Standards

Moisture Sensitivity Level	1
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Electrical Characteristics

Operating Voltage	50 V
Power Rating	.063 W
Resistance Value	8.25 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0603

Configuration Features

Number of Resistors	1
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Termination Features

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Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.45 mm[.018 in]
Product Length	1.55 mm[.061 in]
Product Width	.8 mm[.031 in]

Usage Conditions

Temperature Coefficient	±10 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 8-1879135-1  
RN 0603 8R06 0.1% 10PPM 5K RL

TE Part # 8-1879135-3  
RN 0603 8R45 0.1% 10PPM 5K RL

Also in the Series | Holsworthy RN73

[Surface Mount Resistors\(3641\)](#)

Customers Also Bought

TE Part #52924  
TERMINAL,PIDG SPR SPD 26-22 6

TE Part #CAT-104MTA-PVUNH  
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment

TE Part #1717254-4  
EMBOSS ASSY DDR2 SODIMM SOCKET 200P 5.2H

TE Part #1546670-8  
8P .437" DR BARRIER,W/BND SCRW

TE Part #2-1393249-2  
W58-XB1A4A-8=W58

TE Part #2-1825138-8  
A201SYZQ04

TE Part #2172034-1  
MINI USB B, RCPT, R/A, T/H, PBT, Tray

TE Part #5-1879221-1  
CPF 0603 4R99 0.1% 25PPM 1K RL

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Documents

Product Drawings

RN 0603 8R25 0.1% 10PPM 5K RL

English

Datasheets & Catalog Pages

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

English