



Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 25.5K Ω

Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 0402

Power Rating: .063 W

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0402

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	25 V
Resistance Value	25.5K Ω
Power Rating	.063 W
Resistance Class	1k Ω – 1M Ω
Passive Component Tolerance	.1 %

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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Industry Standards

Moisture Sensitivity Level	1
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

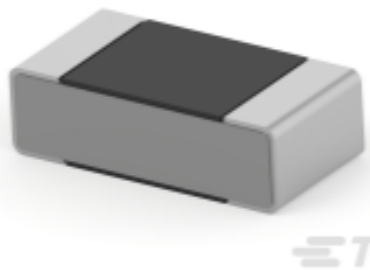
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

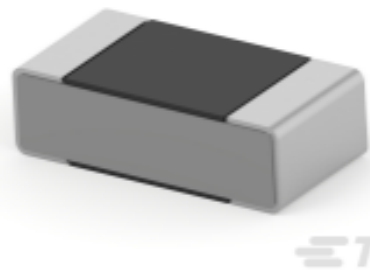
RN73C1E25K5BTD

25.5K ohm, Surface Mount Precision Resistor, Thin Film, 0402, .063 W, .1 %, ±10 ppm/°C, Solder, 2 Terminations, Holsworthy RN73





TE Part # 2176263-2
RN 0402 24K9 0.1% 10PPM 5K RL



TE Part # 2176263-4
RN 0402 26K1 0.1% 10PPM 5K RL

Also in the Series | [Holsworthy RN73](#)



Surface Mount Resistors(3641)

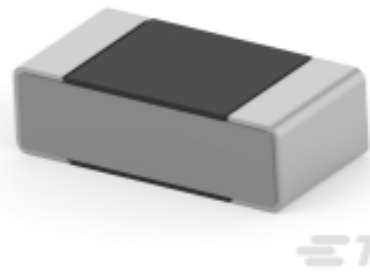
Customers Also Bought



TE Part #2-1761605-1
IDC LOW PRO HDR 6P RA BLUE



TE Part #5747238-4
25 MSFL PLUG RA 318 (IN,FM)



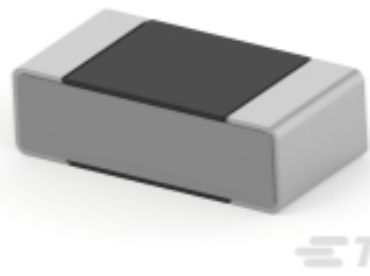
TE Part #6-1879129-6
RN 0402 2K0 0.1% 10PPM 5K RL



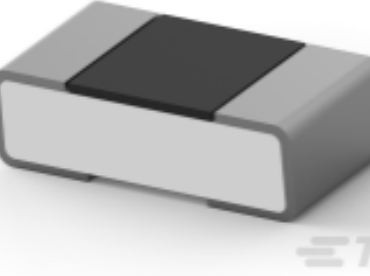
TE Part #T4013008031-000
M8,SCREW, MALE,R/A,UNSHIELD,3P, GOLD



TE Part #1734753-1
MINI USB, TYPE B, VERTICAL, T/H



TE Part #4-1879129-5
RN 0402 1K69 0.1% 10PPM 5K RL



TE Part #1-2176360-1
RQ 0402 549R 0.1% 10PPM 1K RL



TE Part #1825057-7
ADE0804=DIP SWITCH,EXT,THRU/HL

Documents

Product Drawings

[RN 0402 25K5 0.1% 10PPM 5K RL](#)

English

Datasheets & Catalog Pages

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

English

RN73C1E25K5BTD

25.5K ohm, Surface Mount Precision Resistor, Thin Film, 0402, .063 W, .1 %, ±10 ppm/°C, Solder, 2 Terminations, Holsworthy RN73

