RP73PF1E249KBTD ✔ ACTIVE

Holsworthy | Holsworthy RP73

TE Internal #: 2-2176308-7

249K ohm, Surface Mount Precision Resistor, Thin Film, 0402, .1 W, .1 %, ±25 ppm/°C, Solder, 2 Terminations, .3 mm [.012 in] Height, Holsworthy RP73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistance Value: **249K Ω**

Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.1 W**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	25 V
Resistance Value	249K Ω
Power Rating	.1 W
Resistance Class	1kΩ – 1MΩ
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

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±25 ppm/°C

Industry Standards

Moisture Sensitivity Level	1

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

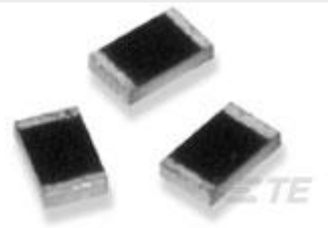
For compliance documentation, visit the product page on TE.com>

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	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

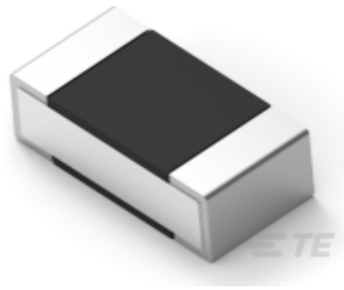
Product Compliance Disclaimer

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



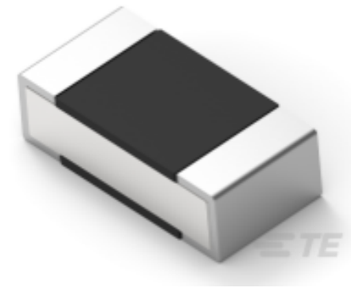
TE Part # 2176192-3
RP73P 0603 10K - 332K LAB KIT



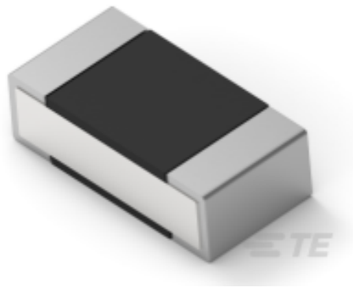
TE Part # 2-2176310-1
RP 1E 0.1W 174R 0.1% 25PPM 1K RL



TE Part # 5-2176093-5
RP 2A 0.25W 35K7 0.1% 25PPM 1K RL



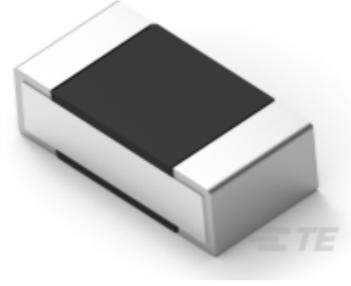
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RP 1E 0.1W 34R 0.1% 25PPM 5K RL



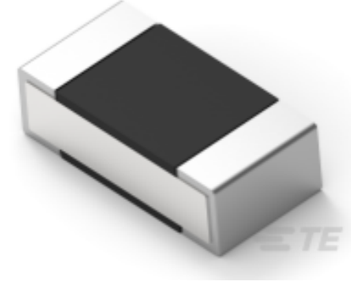
TE Part # 5-2176311-5
RP 1E 0.1W 4K22 0.1% 25PPM 1K RL



TE Part # 5-1625867-9
RP 1J 0.166W 24R9 0.1% 25PPM 1K RL



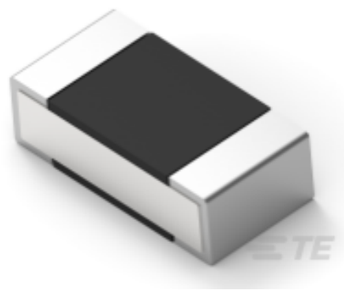
TE Part # 3-2176305-7
RP 1E 0.1W 255R 0.1% 25PPM 5K RL



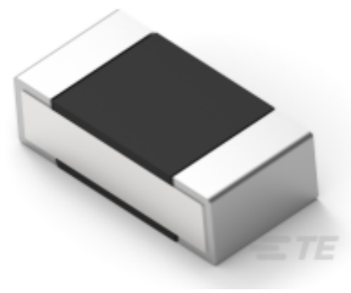
TE Part # 3-2176306-6
RP 1E 0.1W 2K67 0.1% 25PPM 5K RL



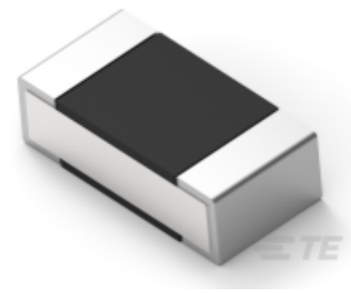
TE Part # 7-2176088-9
RP 1J 0.166W 5K9 0.1% 25PPM 1K RL



TE Part # 8-2176309-0
RP 1E 0.1W 66R5 0.1% 25PPM 1K RL



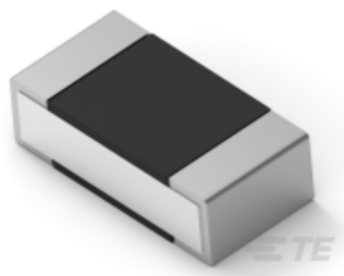
TE Part # 8-2176310-5
RP 1E 0.1W 806R 0.1% 25PPM 1K RL



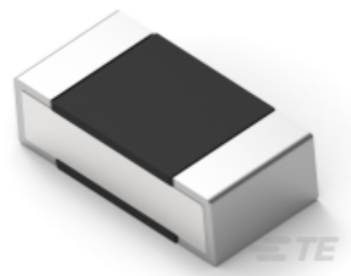
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RP 1E 0.1W 866R 0.1% 25PPM 1K RL



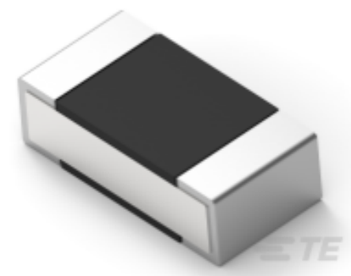
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RP 1J 0.166W 9K76 0.1% 25PPM 1K RL



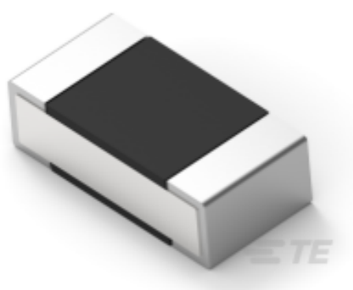
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RP 1E 0.1W 9K53 0.1% 25PPM 1K RL



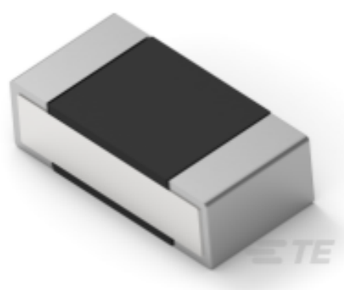
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RP 1E 0.1W 82R5 0.1% 25PPM 5K RL



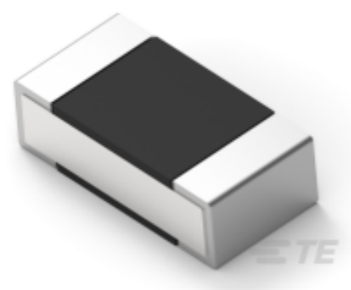
TE Part # 6-2176306-3
RP 1E 0.1W 5K11 0.1% 25PPM 5K RL



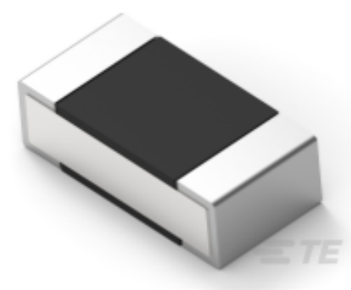
TE Part # 6-2176310-1
RP 1E 0.1W 453R 0.1% 25PPM 1K RL



TE Part # 4-2176311-0
RP 1E 0.1W 2K94 0.1% 25PPM 1K RL

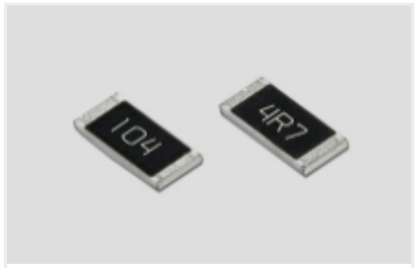


TE Part # 4-2176307-4
RP 1E 0.1W 34K8 0.1% 25PPM 5K RL



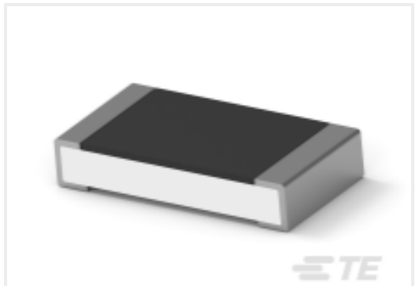
TE Part # 8-2176305-8
RP 1E 0.1W 866R 0.1% 25PPM 5K RL

Also in the Series | Holsworthy RP73

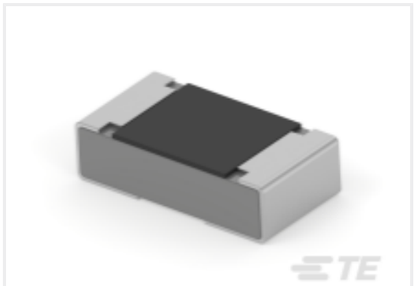


Surface Mount Resistors(4227)

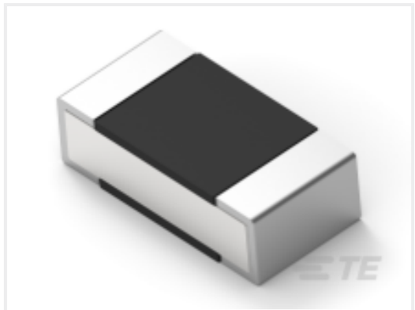
Customers Also Bought



TE Part #6-2176389-5
RQ 1206 499R 0.1% 10PPM 5K RL



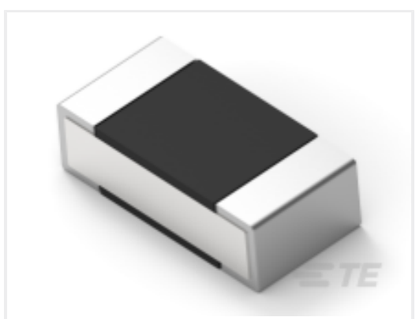
TE Part #4-2176479-6
RA73F 1J 150R 0.1% 5K RL



TE Part #6-2176304-0
RP 1E 0.1W 41R2 0.1% 25PPM 5K RL



TE Part #5-2176455-7
CPF 0402 422K 0.1% 25ppm 1K RL



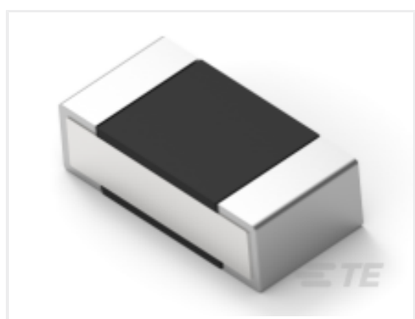
TE Part #1-2176308-7
RP 1E 0.1W 196K 0.1% 25PPM 5K RL



TE Part #1SNG613010R0000
EM-EMC2-M25-MET-C



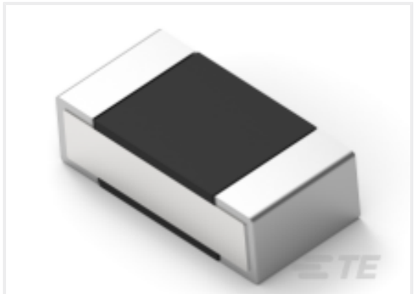
TE Part #2176313-5
RP 1E 0.1W 147K 0.1% 25PPM 1K RL



TE Part #2-2176308-8
RP 1E 0.1W 255K 0.1% 25PPM 5K RL



TE Part #4-2176455-6
CPF 0402 324K 0.1% 25ppm 1K RL



TE Part #8-2176306-3
RP 1E 0.1W 8K25 0.1% 25PPM 5K RL

Documents

Product Drawings

RP 1E 0.1W 249K 0.1% 25PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2176308-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2176308-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2176308-7_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

RP73-0915

English