

RP73PF1E37R4BTD

✓ ACTIVE

Holsworthy | Holsworthy RP73

TE Internal #: 5-2176304-6

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

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Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 37.4 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            | 37.4 Ω    |
| Power Rating                | .1 W      |
| Resistance Class            | Up to 1kΩ |
| 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                   | 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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>



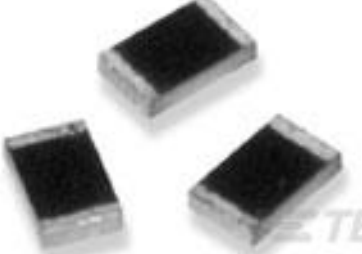
Compatible Parts



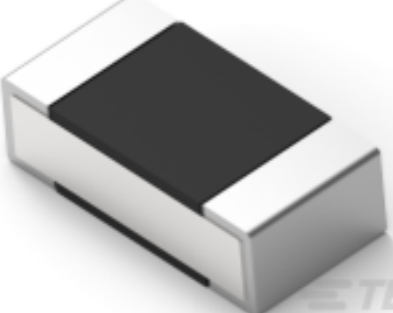
TE Part # 1-2176092-8  
RP 2A 0.25W 1K0 0.1% 25PPM 1K RL



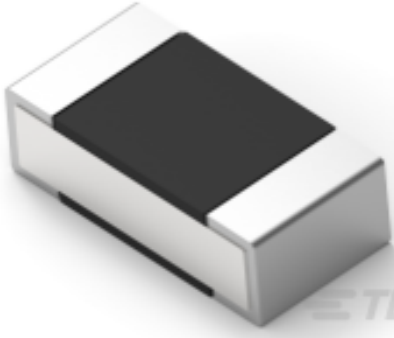
TE Part # 2176093-5  
RP 2A 0.25W 10K 0.1% 25PPM 1K RL



TE Part # 1625867-2  
RP 1J 0.166W 10K 0.1% 25PPM 1K RL



TE Part # 2176308-5  
RP 1E 0.1W 147K 0.1% 25PPM 5K RL



TE Part # 2-2176308-7  
RP 1E 0.1W 249K 0.1% 25PPM 5K RL

Also in the Series | [Holsworthy RP73](#)



[Surface Mount Resistors\(4227\)](#)

Customers Also Bought



TE Part #4-2176339-5  
CRGCQ 0603 47K 1%



TE Part #2-2176339-2  
CRGCQ 0603 560R 1%



TE Part #3-2176339-5  
CRGCQ 0603 6K8 1%



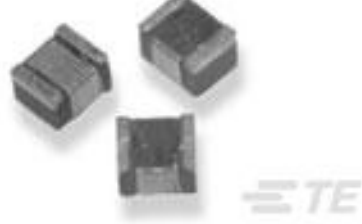
TE Part #2-2176343-3  
CRGCQ 1206 680R 1%



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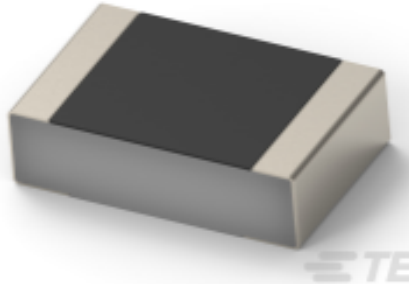
TE Part #8-1624112-8  
[3650 0603 0.15uH 5% 2K RL](#)



TE Part #5-2176339-1  
[CRGCQ 0603 150K 1%](#)



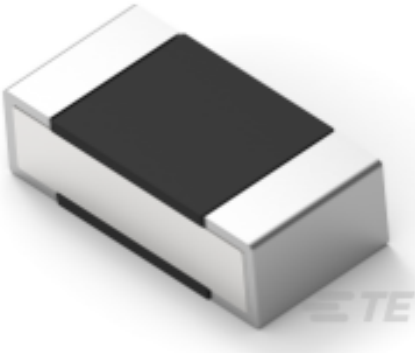
TE Part #1623462-2  
[CRG1206 1% 22M](#)



TE Part #1-2176451-3  
[CPF 0201 66R5 0.1% 25ppm 1K RL](#)



TE Part #3-2176339-8  
[CRGCQ 0603 12K 1%](#)



TE Part #6-2176304-3  
[RP 1E 0.1W 44R2 0.1% 25PPM 5K RL](#)

Documents

Product Drawings

[RP 1E 0.1W 37R4 0.1% 25PPM 5K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-2176304-6\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-2176304-6\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-2176304-6\\_BA.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[RP73-0915](#)

English