# RP73PF1E12K7BTD ✔ ACTIVE

Holsworthy | Holsworthy RP73

TE Internal #: 2176307-2

12.7K ohm, Thin Film, Precision Resistor, .1 %, 0402, .1 W, ±25 ppm /°C, Solder, 2 Terminations, .3 mm [.012 in] Height, Holsworthy RP73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.1 W**

Resistance Value: **12.7K Ω**

## 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 |
| Power Rating | .1 W |
| Resistance Value | 12.7K Ω |
| Resistance Class | 1kΩ – 1MΩ |
| Passive Component Tolerance | .1 % |

### Termination Features

| | |
|---|---|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations | 2 |

## Dimensions

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|---|---|
| Product Height | .3 mm[.012 in] |
| Product Length | 1 mm[.039 in] |
| Product Width | .5 mm[.02 in] |

## Usage Conditions

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|---|---|
| Operating Temperature Range | -55 – 155 °C[-67 – 311 °F] |
| 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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

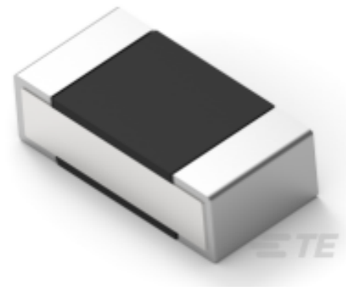
## Compatible Parts



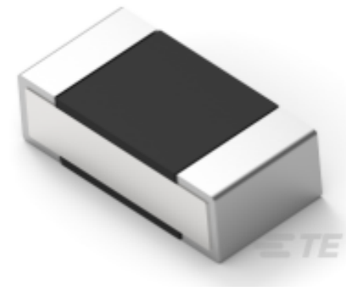

TE Part # 1-2176092-8
RP 2A 0.25W 1K0 0.1% 25PPM 1K RL



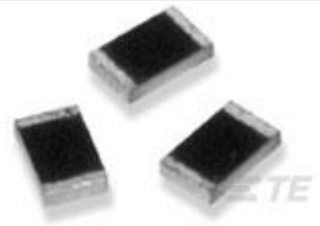

TE Part # 2176093-5
RP 2A 0.25W 10K 0.1% 25PPM 1K RL



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

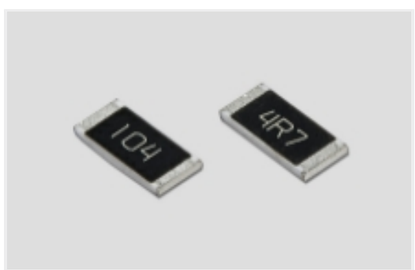


TE Part # 2176308-5
RP 1E 0.1W 147K 0.1% 25PPM 5K RL



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

## Also in the Series | Holsworthy RP73

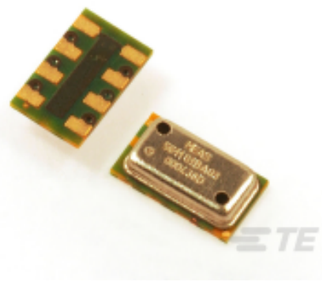



Surface Mount Resistors(4227)

## Customers Also Bought



TE Part #083502-E
CODEZT STVCM COLS * 172 CODIERLEISTE M 2



TE Part #MS560702BA03-50
MS5607-02BA SS CAP ALTIMETER T&R



TE Part #7-102618-8
60 MODII HDR DRST SHRD .100CL

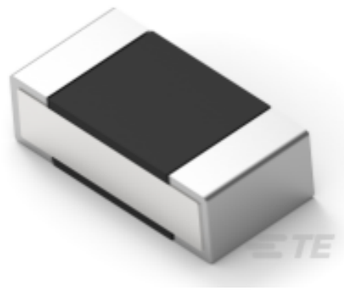


TE Part #2-1445096-2
MICRO MNL HDR ASSY SINGLE ROW



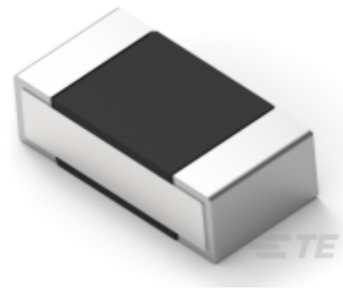

TE Part #2-2176230-4

3522 68R 5% 3W



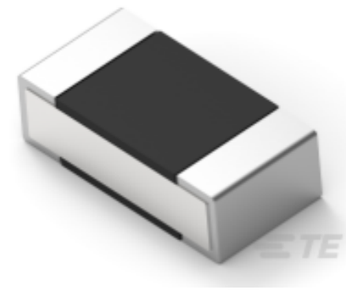
TE Part #8-2176305-5

RP 1E 0.1W 806R 0.1% 25PPM 5K RL



TE Part #6-2176306-7

RP 1E 0.1W 5K62 0.1% 25PPM 5K RL



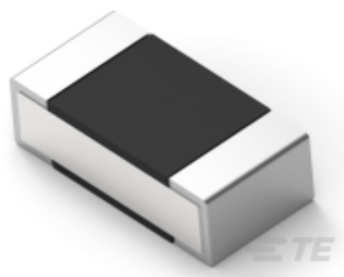
TE Part #7-2176306-9

RP 1E 0.1W 7K5 0.1% 25PPM 5K RL



TE Part #1-2199119-5

M.2 0.5PITCH 3.2H KEY M 15U'' AU



TE Part #4-2176307-6

RP 1E 0.1W 36K5 0.1% 25PPM 5K RL

## Documents

### Product Drawings

RP 1E 0.1W 12K7 0.1% 25PPM 5K RL

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176307-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176307-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176307-2_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