

RP73PF2A68K1BTDF

✓ ACTIVE

Holsworthy | Holsworthy RP73

TE Internal #: 7-2176093-9

68.1K Ω , Thin Film, Precision Resistor, .1 %, 2 Termination, 0805,
Taped & Reeled, .25 W, ± 25 ppm/ $^{\circ}\text{C}$, Solder, 2 x 1.25 x .55 mm,
Holsworthy RP73

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**
Number of Terminations: **2**
Package Size Code: **0805**
Packaging Method: **Taped & Reeled**
Passive Component Tolerance: **.1 %**

Features

Product Type Features

| | |
|-------------------|--------------------|
| Product Type | Fixed Resistor |
| Resistor Type | Precision Resistor |
| Package Size Code | 0805 |
| Element Type | Thin Film |

Configuration Features

| | |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

| | |
|-----------------------------|---------------------------|
| Voltage Rating | 150 V |
| Passive Component Tolerance | .1 % |
| Resistance Class | 1k Ω – 1M Ω |
| Resistance Value | 68.1K Ω |
| Power Rating | .25 W |

Termination Features

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

Dimensions

| | |
|------------------------------|-------------------|
| Passive Component Dimensions | 2 x 1.25 x .55 mm |
|------------------------------|-------------------|



Usage Conditions

| | |
|-------------------------|----------------------------------|
| Temperature Coefficient | ± 25 ppm/ $^{\circ}\text{C}$ |
|-------------------------|----------------------------------|

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 $^{\circ}\text{C}$ |

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 # 1625867-2 RP 1J 0.166W 10K 0.1% 25PPM 1K RL | TE Part # 2176093-5 RP 2A 0.25W 10K 0.1% 25PPM 1K RL | TE Part # 1-2176092-8 RP 2A 0.25W 1K0 0.1% 25PPM 1K RL | TE Part # 2176308-5 RP 1E 0.1W 147K 0.1% 25PPM 5K RL |
|--|---|---|---|

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TE Part # 2-2176308-7

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

Also in the Series | Holsworthy RP73

Surface Mount Resistors(4556)

Customers Also Bought

TE Part #537637P041

SCT-NO.3-E3-0-STK

TE Part #794610-1

MICRO MNL RPT CNT,LS PC,TIN

TE Part #6-2176093-4

RP 2A 0.25W 46K4 0.1% 25PPM 1K RL

TE Part #8-2176093-8

RP 2A 0.25W 84K5 0.1% 25PPM 1K RL

TE Part #1-1625868-3

RP 2A 0.25W 39K2 0.1% 25PPM 1K RL

TE Part #7-2176093-0

RP 2A 0.25W 54K9 0.1% 25PPM 1K RL

TE Part #8-2176093-6

RP 2A 0.25W 80K6 0.1% 25PPM 1K RL

TE Part #9-2176093-3

RP 2A 0.25W 95K3 0.1% 25PPM 1K RL

TE Part #7-2176093-1

RP 2A 0.25W 56K2 0.1% 25PPM 1K RL

TE Part #9-2176093-1

RP 2A 0.25W 90K9 0.1% 25PPM 1K RL



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-2176093-9_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-2176093-9_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-2176093-9_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

RP73-0915

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English