



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0805**

Power Rating: **.25 W**

Resistance Value: **1K Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0805

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	150 V
Power Rating	.25 W
Resistance Value	1K Ω
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	.55 mm[.022 in]
Product Length	2 mm[.079 in]
Product Width	1.25 mm[.049 in]



Usage Conditions

Temperature Coefficient	±25 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

RP73PF2A1K0BTDF

Precision Resistor, Thin Film, 0805, .25 W, 1K ohm, .1 %, ±25 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 in], Holsworthy RP73



 TE Part # 8-1625867-2 RP 1J 0.166W 44R2 0.1% 25PPM 1K RL	 TE Part # 7-1625867-1 RP 1J 0.166W 34R 0.1% 25PPM 1K RL	 TE Part # 2-2176087-2 RP 1J 0.166W 113R 0.1% 25PPM 1K RL	 TE Part # 4-1625868-7 RP 2A 0.25W 16R2 0.1% 25PPM 1K RL
 TE Part # 9-2176087-3 RP 1J 0.166W 634R 0.1% 25PPM 1K RL	 TE Part # 4-1625868-3 RP 2A 0.25W 14R7 0.1% 25PPM 1K RL	 TE Part # 4-2176094-0 RP 2A 0.25W 309K 0.1% 25PPM 1K RL	 TE Part # 1-2176090-3 RP 1J 0.166W 174K 0.1% 25PPM 1K RL
 TE Part # 1-2176091-1 RP 2A 0.25W 73R2 0.1% 25PPM 1K RL	 TE Part # 1-2176091-5 RP 2A 0.25W 80R6 0.1% 25PPM 1K RL	 TE Part # 1-2176091-7 RP 2A 0.25W 84R5 0.1% 25PPM 1K RL	 TE Part # 1-2176091-8 RP 2A 0.25W 86R6 0.1% 25PPM 1K RL
 TE Part # 1-2176092-1 RP 2A 0.25W 845R 0.1% 25PPM 1K RL	 TE Part # 1-2176092-3 RP 2A 0.25W 887R 0.1% 25PPM 1K RL	 TE Part # 1-2176092-4 RP 2A 0.25W 909R 0.1% 25PPM 1K RL	 TE Part # 1-2176092-6 RP 2A 0.25W 953R 0.1% 25PPM 1K RL
 TE Part # 1-2176093-2 RP 2A 0.25W 12K1 0.1% 25PPM 1K RL	 TE Part # 1-2176093-6 RP 2A 0.25W 13K7 0.1% 25PPM 1K RL	 TE Part # 1-2176093-7 RP 2A 0.25W 14K 0.1% 25PPM 1K RL	 TE Part # 1-2176093-8 RP 2A 0.25W 14K3 0.1% 25PPM 1K RL

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



Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176092-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176092-8_BA.3d_igs.zip

RP73PF2A1K0BTDF

Precision Resistor, Thin Film, 0805, .25 W, 1K ohm, .1 %, ±25 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 in], Holsworthy RP73



English

Customer View Model

[ENG_CVM_CVM_1-2176092-8_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