RP73PF1J590RBTDF ✔ ACTIVE

Holsworthy | Holsworthy RP73

TE Internal #: 9-2176087-0

590 ohm, Surface Mount Precision Resistor, Thin Film, 0603, .166 W, .1 %, ±25 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, Holsworthy RP73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors

Resistance Value: **590 Ω**

Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.166 W**

Features

Industry Standards

Moisture Sensitivity Level	1

Electrical Characteristics

Operating Voltage	100 V
Resistance Value	590 Ω
Power Rating	.166 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0603

Configuration Features

Number of Resistors	1

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.45 mm[.018 in]
Product Length	1.55 mm[.061 in]
Product Width	.8 mm[.031 in]

Usage Conditions

Temperature Coefficient	±25 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

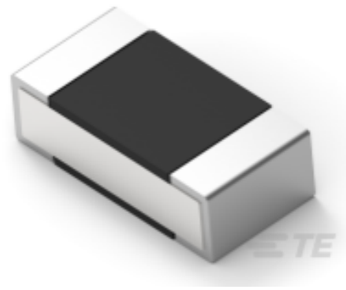
For compliance documentation, visit the product page on TE.com>

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

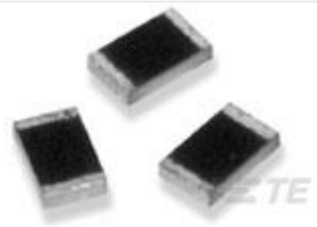
Product Compliance Disclaimer

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

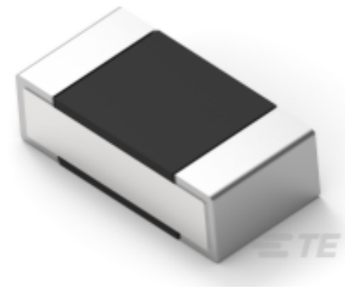
Compatible Parts



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



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

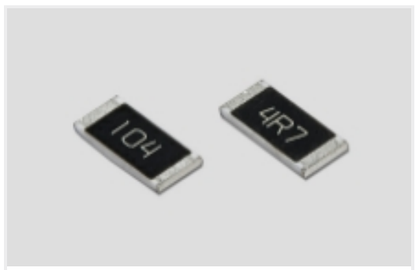


TE Part # 2176308-5
RP 1E 0.1W 147K 0.1% 25PPM 5K RL

TE Part # 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

Also in the Series | Holsworthy RP73



Surface Mount Resistors(4227)

Customers Also Bought

TE Part #7-1879221-6
CPF 0603 9R31 0.1% 25PPM 1K RL

TE Part #8-1879221-6
CPF 0603 12R4 0.1% 25PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-2176087-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-2176087-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-2176087-0_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