8-2176093-7 ✔ ACTIVE

Holsworthy | Holsworthy RP73

TE Internal #: 8-2176093-7

82.5K Ω, Thin Film, Precision Resistor, .1 %, 2 Termination, 0805, Taped & Reeled, .25 W, ±25 ppm/°C, Solder, 2 x 1.25 x .55 mm, Holsworthy RP73

View on TE.com >

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	1kΩ – 1MΩ
Resistance Value	82.5K 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/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

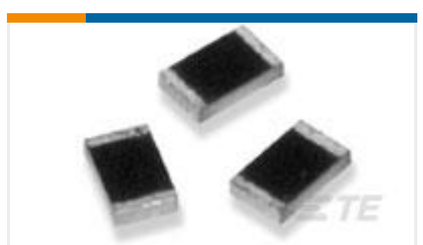
For compliance documentation, visit the product page on TE.com>

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 2022 (224) 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

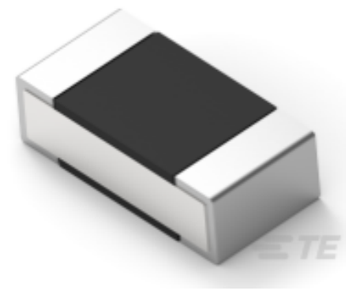


TE Part # 1625867-2
RP 1J 0.166W 10K 0.1% 25PPM 1K RL

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



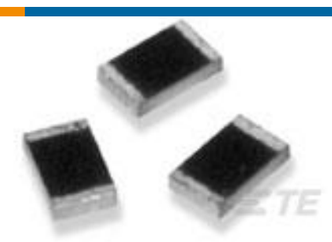
TE Part # 2-2176308-7
RP 1E 0.1W 249K 0.1% 25PPM 5K RL

Also in the Series | Holsworthy RP73

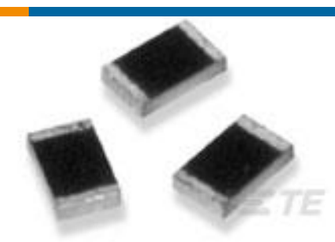
Surface Mount Resistors(4556)

Customers Also Bought

TE Part #1-1571983-0
GDH08S04=DIP SWITCH



TE Part #1-1625868-3
RP 2A 0.25W 39K2 0.1% 25PPM 1K RL



TE Part #1-1625868-4
RP 2A 0.25W 47K5 0.1% 25PPM 1K RL

TE Part #7-2176093-1
RP 2A 0.25W 56K2 0.1% 25PPM 1K RL

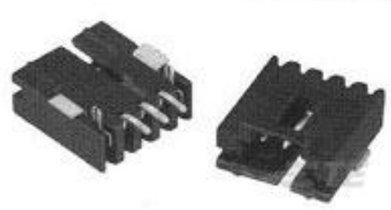
TE Part #8-2176093-6
RP 2A 0.25W 80K6 0.1% 25PPM 1K RL

TE Part #6-2176093-9
RP 2A 0.25W 53K6 0.1% 25PPM 1K RL

TE Part #4-2176093-7
RP 2A 0.25W 29K4 0.1% 25PPM 1K RL

TE Part #6-2176093-2
RP 2A 0.25W 44K2 0.1% 25PPM 1K RL

TE Part #8-2176093-8
RP 2A 0.25W 84K5 0.1% 25PPM 1K RL



TE Part #1-147323-9
20 MTE HDR SRRA SMT.100CL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-2176093-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-2176093-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-2176093-7_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