

RP73PF1E147KBTD

✓ ACTIVE

Holsworthy | Holsworthy RP73

TE Internal #: 2176308-5

147K ohm, Surface Mount Precision Resistor, Thin Film, 0402, .1 W, .1 %, ±25 ppm/°C, Solder, 2 Terminations, .3 mm [.012 in] Height, Holsworthy RP73

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Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 147K Ω

Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 0402

Power Rating: .1 W

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0402

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	25 V
Resistance Value	147K Ω
Power Rating	.1 W
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	.3 mm[.012 in]
Product Length	1 mm[.039 in]
Product Width	.5 mm[.02 in]

Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±25 ppm/°C

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>

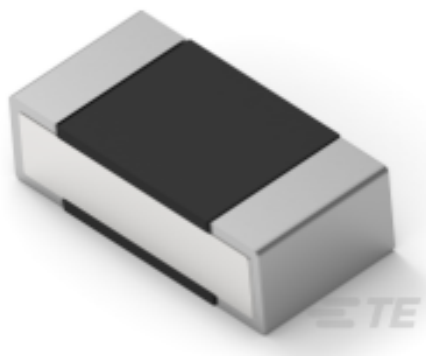
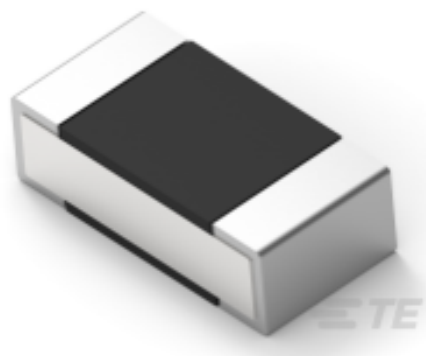
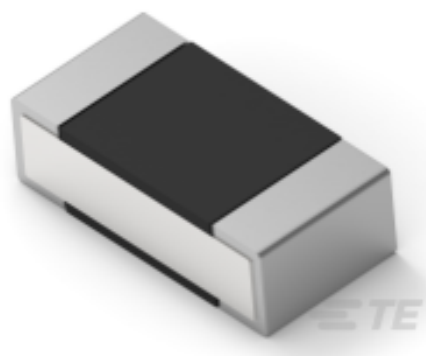
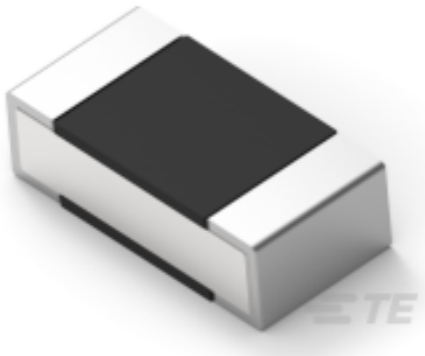
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 2176192-3 RP73P 0603 10K - 332K LAB KIT	 TE Part # 1-2176312-2 RP 1E 0.1W 16K2 0.1% 25PPM 1K RL	 TE Part # 9-2176088-0 RP 1J 0.166W 7K68 0.1% 25PPM 1K RL	 TE Part # 5-2176093-5 RP 2A 0.25W 35K7 0.1% 25PPM 1K RL
 TE Part # 9-2176309-9 RP 1E 0.1W 105R 0.1% 25PPM 1K RL	 TE Part # 1-2176087-2 RP 1J 0.166W 88R7 0.1% 25PPM 1K RL	 TE Part # 9-2176088-9 RP 1J 0.166W 9K76 0.1% 25PPM 1K RL	 TE Part # 5-1625867-9 RP 1J 0.166W 24R9 0.1% 25PPM 1K RL
 TE Part # 8-2176311-9 RP 1E 0.1W 9K53 0.1% 25PPM 1K RL	 TE Part # 1-1625868-9 RP 2A 0.25W 8K25 0.1% 25PPM 1K RL	 TE Part # 1-1625867-2 RP 1J 0.166W 2K0 0.1% 25PPM 1K RL	 TE Part # 1-1625868-3 RP 2A 0.25W 39K2 0.1% 25PPM 1K RL
 TE Part # 1-1625868-5 RP 2A 0.25W 4K75 0.1% 25PPM 1K RL	 TE Part # 1-1625867-7 RP 1J 0.166W 12K1 0.1% 25PPM 1K RL	 TE Part # 1-1625867-9 RP 1J 0.166W 2K26 0.1% 25PPM 1K RL	 TE Part # 1-2176087-7 RP 1J 0.166W 100R 0.1% 25PPM 1K RL
 TE Part # 1-2176089-7 RP 1J 0.166W 16K2 0.1% 25PPM 1K RL	 TE Part # 1-2176091-0 RP 2A 0.25W 71R5 0.1% 25PPM 1K RL	 TE Part # 1-2176093-7 RP 2A 0.25W 14K 0.1% 25PPM 1K RL	 TE Part # 1-2176304-5 RP 1E 0.1W 14R 0.1% 25PPM 5K RL

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



Surface Mount Resistors(4227)

Customers Also Bought



TE Part #1676480-9
CRG0402 1% 12K



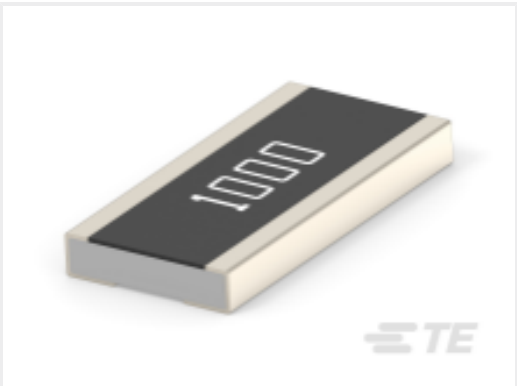
TE Part #2-2363962-0
0.4mm BTB CONN H0.8 PLUG
ASSEMBLY, 20P



TE Part #1554901-1
SHIELD FINGER 2011 EMBOSS
PACKING



TE Part #2-2363961-0
0.4mm BTB CONN H0.8 REC
ASSEMBLY, 20P



TE Part #3-2176562-4
3430 H2 1% 22R 100ppm 1k RL



TE Part #474341-E
IDCTERM 1 I2426 1,10 KA 094 707
0007 J



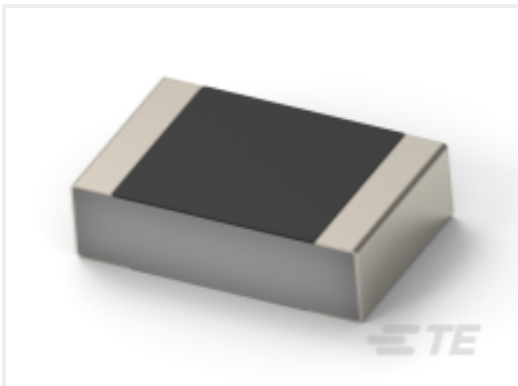
TE Part #7-1879212-8
CPF 0402 14R7 0.1% 25PPM 1K RL



TE Part #8-1879417-3
CPF0603 887K 0.1% 25PPM 1K RL



TE Part #474342-E
IDCTERM 1 I2426 1,10 KA 168 707
0007 J



TE Part #3-2176453-5
CPF 0201 13K 0.1% 25ppm 1K RL

Documents

Product Drawings

RP 1E 0.1W 147K 0.1% 25PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176308-5_BA.2d_dxf.zip

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English

Customer View Model

[ENG_CVM_CVM_2176308-5_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2176308-5_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