

RP73PF1E165RBTD

✓ ACTIVE

Holsworthy | Holsworthy RP73

TE Internal #: 1-2176305-9

165 Ω, Thin Film, Precision Resistor, .1 %, 2 Termination, 0402,  
Taped & Reeled, .1 W, ±25 ppm/°C, Solder, 1 x .5 x .3 mm,  
Holsworthy RP73

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**  
Number of Terminations: **2**  
Package Size Code: **0402**  
Packaging Method: **Taped & Reeled**  
Passive Component Tolerance: **.1 %**

Features

Product Type Features

|                   |                    |
|-------------------|--------------------|
| Product Type      | Fixed Resistor     |
| Resistor Type     | Precision Resistor |
| Package Size Code | 0402               |
| Element Type      | Thin Film          |

Configuration Features

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

Electrical Characteristics

|                             |           |
|-----------------------------|-----------|
| Voltage Rating              | 25 V      |
| Passive Component Tolerance | .1 %      |
| Resistance Class            | Up to 1kΩ |
| Resistance Value            | 165 Ω     |
| Power Rating                | .1 W      |

Termination Features

|                        |   |
|------------------------|---|
| Number of Terminations | 2 |
|------------------------|---|



|                                         |        |
|-----------------------------------------|--------|
| Surface Mount Resistor Termination Type | Solder |
|-----------------------------------------|--------|

Dimensions

|                              |                |
|------------------------------|----------------|
| Passive Component Dimensions | 1 x .5 x .3 mm |
|------------------------------|----------------|

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -55 – 155 °C |
| 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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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

RP73PF1E165RBDT

165 Ω, Thin Film, Precision Resistor, .1 %, 2 Termination, 0402, Taped & Reeled, .1 W, ±25 ppm/°C, Solder, 1 x .5 x .3 mm, Holsworthy RP73



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 #292133-8

CT P/HDR ASSY BOX V 8P W/O KIN

TE Part #4-2176056-8

RLP73K 2B R91 5% 5K RL

TE Part #1-84953-0

1MM FPC HORZ.TOP CONT.ASSY 10P

TE Part #84953-8

1MM FPC HORZ.TOP CONT.ASSY 8P

TE Part #2176337-5

CRGCO 0402 22R 1%

TE Part #218424-001

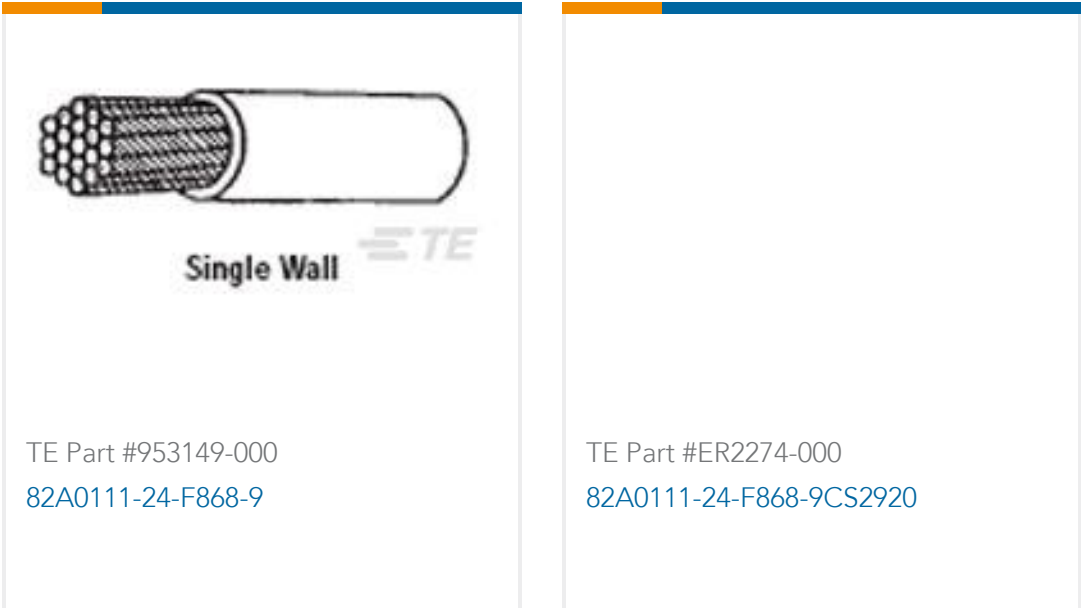
22759/41-22-9

TE Part #218448-001

22759/41-20-9

TE Part #566601-000

82A0111-22-F868-9CS2920



Documents

Product Drawings

[RP 1E 0.1W 165R 0.1% 25PPM 5K RL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2176305-9\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2176305-9\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2176305-9\\_BA.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[RP73-0915](#)

English