

# RP73PF1E825RBTD ✓ ACTIVE

Holsworthy | Holsworthy RP73

TE Internal #: 8-2176305-6

825 ohm, Thin Film, Precision Resistor, .1 %, 0402, .1 W,  $\pm 25$  ppm/ $^{\circ}$ C, Solder, 2 Terminations, .3 mm [.012 in] Height, Holsworthy RP73

[View on TE.com >](#)



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0402**

Power Rating: **.1 W**

Resistance Value: **825  $\Omega$**

## 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
Power Rating	.1 W
Resistance Value	825 $\Omega$
Resistance Class	Up to 1k $\Omega$
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[-67 – 311 °F]
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1-2176092-8  
RP 2A 0.25W 1K0 0.1% 25PPM 1K RL



TE Part # 2176093-5  
RP 2A 0.25W 10K 0.1% 25PPM 1K RL



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



TE Part # 1625867-2  
RP 1J 0.166W 10K 0.1% 25PPM 1K 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\(4227\)](#)

## Customers Also Bought



TE Part #234832-E  
SRCA 2,54 2 M 1 SMD 137 E1 094 \* GURT \*



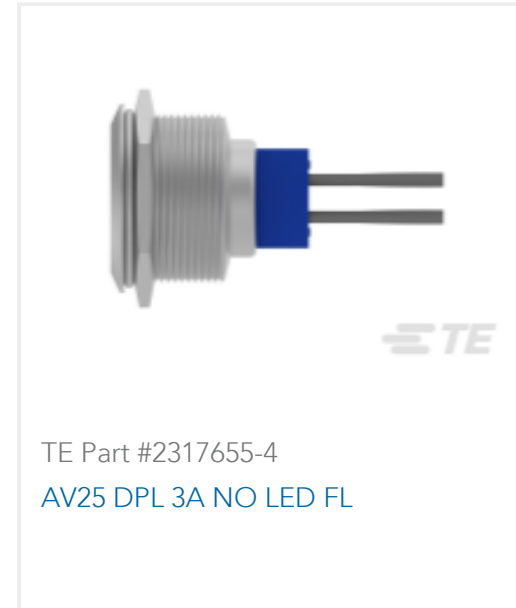
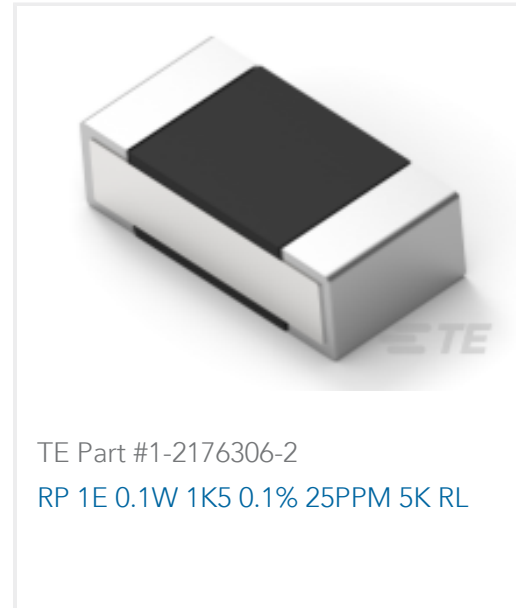
TE Part #114711-E  
MICROS STV 6 407 188 \* 0007 J 3 114711 M



TE Part #CAT-M4599-H342  
AMP MCP Unsealed Headers



TE Part #1318384-4  
025 40POS CAP ASSY H TIN



## Documents

### Product Drawings

[RP 1E 0.1W 825R 0.1% 25PPM 5K RL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_8-2176305-6\\_BA.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-2176305-6\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_8-2176305-6\\_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