

# RN73C2A13K7BTDF ✓ ACTIVE

Holsworthy | Holsworthy RN73

TE Internal #: 1676182-2

13.7K ohm, Thin Film, Precision Resistor, .1 %, 0805, .1 W, ±10 ppm /°C, Solder, 2 Terminations, .55 mm [.022 in] Height, Holsworthy RN73

[View on TE.com >](#)



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0805**

Power Rating: **.1 W**

Resistance Value: **13.7K  $\Omega$**

## Features

### Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0805

### Configuration Features

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

### Electrical Characteristics

Operating Voltage	100 V
Power Rating	.1 W
Resistance Value	13.7K $\Omega$
Resistance Class	1k $\Omega$ – 1M $\Omega$
Passive Component Tolerance	.1 %

### Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

### Dimensions

Product Height	.55 mm [.022 in]
Product Length	2 mm [.079 in]



Product Width	1.25 mm[.049 in]
---------------	------------------

**Usage Conditions**

Temperature Coefficient	±10 ppm/°C
-------------------------	------------

**Industry Standards**

Moisture Sensitivity Level	1
----------------------------	---

**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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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**



### Also in the Series | [Holsworthy RN73](#)



### Customers Also Bought





## Documents

### Product Drawings

[RN 0805 13K7 0.1% 10PPM 1KRL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1676182-2\\_BC.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1676182-2\\_BC.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1676182-2\\_BC.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[High Precision Resistors \(SMD\) - Type RN73 Series - Tyco Electronics Passives](#)

English

[8-1773459-4\\_POWER\\_FILTERING\\_AND\\_RESISTIVE\\_SOLUTIONS\\_FOR\\_ELEVATORS\\_AND\\_ESCALATORS](#)

English