



Passive Components > Resistors > Variable Resistors > Trimmers



Power Rating: .15 W

Resistance: 200 Ω

Sealed: No

Termination Type: Surface Mount Terminals

Mount Style: Surface Mount

## Features

### Product Type Features

|        |    |
|--------|----|
| Sealed | No |
|--------|----|

### Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 50 V  |
| Power Rating   | .15 W |
| Resistance     | 200 Ω |
| Tolerance      | 25%   |

### Termination Features

|                  |                         |
|------------------|-------------------------|
| Termination Type | Surface Mount Terminals |
|------------------|-------------------------|

### Mechanical Attachment

|             |               |
|-------------|---------------|
| Mount Style | Surface Mount |
|-------------|---------------|

### Dimensions

|            |                  |
|------------|------------------|
| Dimensions | 4.8 x 4 x 2.6 mm |
|------------|------------------|

### Other

|         |            |
|---------|------------|
| Comment | Open Frame |
|---------|------------|

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|                              |                           |
|------------------------------|---------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC  | Compliant with Exemptions |



|   |  |
|---|--|
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2019 (197)<br>Candidate List Declared Against: JUN 2018 (191) |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 1-1623920-5  
3142W 50K



TE Part # 1-1623920-2  
3142W 500R



TE Part # 1623920-3  
3142W 10K



TE Part # 1623920-9  
3142W 20K



TE Part # 1-1623920-3  
3142W 5K

Also in the Series | [Citec 3142](#)



Trimmers(13)

## Customers Also Bought



TE Part #1623920-2  
3142W 1K



TE Part #1623920-8  
3142W 2K



TE Part #1-1623920-2  
3142W 500R



TE Part #1-1879134-0  
RN 0603 12K1 0.1% 10PPM  
1K RL



TE Part #3-1624108-7  
3640 0402 1.2nH +/-0.2nH  
1K RL



TE Part #1622473-7  
LR1 1% 40R2



TE Part #1-1879274-6  
RP 2A 1K3 0.1% 15PPM  
CUT LENGTH



TE Part #3-1624246-7  
RSS3 4K7 5% AMMO PK



TE Part #1623723-2  
SBCH 15 1K5 5%



TE Part #9-2176316-0  
MELF SMA-A 150K 1%  
50PPM 0207 1W

## Documents

### Product Drawings

3142W 200R

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_1623920-7\_A.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1623920-7\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1623920-7\\_A.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

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

English

[SMD Economy Trimmers - Type 3142 Series - Tyco Electronics Passives](#)

English

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[1806WSMD-5K](#) [1806PSMD-5K](#) [3214G-1-203E](#) [43WR10LFTR](#) [PVG5A202C03R00](#) [PVG5A502C03R00](#) [3314G-1-103E](#) [PVG3G103C01R00](#)  
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[502G](#) [3224W-1-105G](#) [3214X-2-502E](#) [3214X-2-103E](#) [3214W-2-201E](#)