

3142W 1M  ACTIVE

Citec | Citec 3142

TE Part # 1623920-6

TE Internal #: 3142W105P

[View on TE.com >](#)



Passive Components > Resistors > Variable Resistors > Trimmers



Power Rating: .15 W

Resistance: 1M  $\Omega$

Sealed: No

Termination Type: Surface Mount Terminals

Mount Style: Surface Mount

## Features

### Product Type Features

Sealed	No
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### Electrical Characteristics

Voltage Rating	50 V
Power Rating	.15 W
Resistance	1M $\Omega$
Tolerance	25%

### Termination Features

Termination Type	Surface Mount Terminals
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### Mechanical Attachment

Mount Style	Surface Mount
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### Dimensions

Dimensions	4.8 x 4 x 2.6 mm
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### Other

Comment	Open Frame
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## 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) Candidate List Declared Against: JAN 2019 (197)
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

 <p>TE Part # 1623920-3 3142W 10K</p>	 <p>TE Part # 1623920-9 3142W 20K</p>	 <p>TE Part # 1-1623920-2 3142W 500R</p>	 <p>TE Part # 1-1623920-5 3142W 50K</p>
 <p>TE Part # 1-1623920-3 3142W 5K</p>			

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



Trimmers(13)

### Customers Also Bought



TE Part #1623920-3  
3142W 10K



TE Part #1623920-5  
3142W 100K



TE Part #1-1623920-6  
3142W 500K



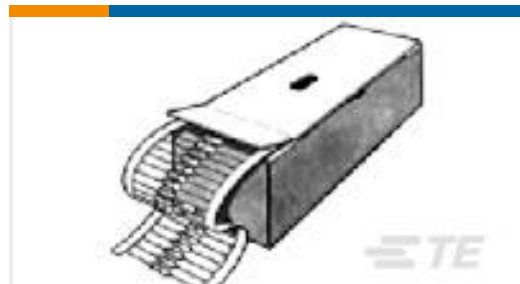
TE Part #9-2176089-1  
RP 1J 0.166W 105K 0.1%  
25PPM 1K RL



TE Part #9-2176093-6  
RP 2A 0.25W 105K 0.1%  
25PPM 1K RL



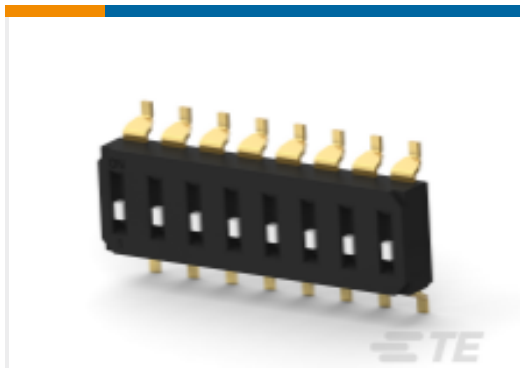
TE Part #4-2176186-1  
CRGH1206 1% 270K 0.5W



TE Part #2176081-6  
EP 1W (S) 68R 5%



TE Part #2-1623729-4  
BCHE 17 W 680R 5%



TE Part #2319848-8  
END STACK DIP 8P G  
RECESS TUBE

### Documents

#### Product Drawings

[3142W 1M](#)

English

#### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1623920-6\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1623920-6\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1623920-6\\_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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[G32AT-B503](#) [G32BT-B502](#) [G32BT-B503](#) [G43AT-B201](#) [G43AT-B203](#) [G43BT-B101](#) [G43SAT1-B101](#) [G43SAT1-B102](#) [G43SAT1-B201](#)  
[G43SAT1-B202](#) [G43SAT1-B501](#) [G43SAT1-B502](#) [G43SAT1-B503](#) [PVG5A102C03R00](#) [PVG5A203C03R00](#) [35WR5KLFTR](#)  
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[502G](#) [3224W-1-105G](#) [3214X-2-502E](#) [3214X-2-103E](#) [3214W-2-201E](#)